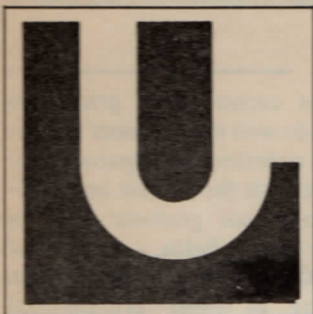


# Orientation Issue



The University of Lowell

# CONNECTOR

June 1989

Vol. XVI No. 28

## Welcome to the University of Lowell

### A message from President Hogan

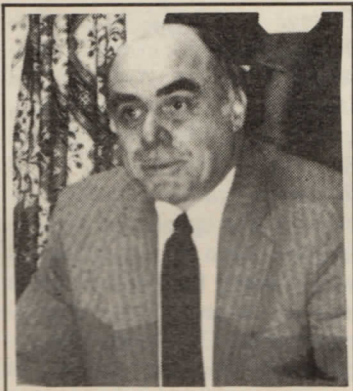
Welcome to the members of the Class of 1993!

A University of Lowell education is a question of possibilities...yours, ours, and our society's.

You have deep ambitions. And you know, in your heart, that you have many talents. You know that if you can acquire the knowledge you need — and if you work hard — you can drive those talents toward any goal you choose. This is the "possibility" that this University can help you make into reality.

At the University of Lowell we also have a deep ambition: to give you the kind of education that will grow in importance throughout your lifetime, no matter how much you or the world around you changes. That means we will keep innovating, that we will continue to create unique programs that address the unresolved issues of the day.

If you choose to combine your ambitions with ours. I can promise you that you will participate in revolutions in any field you enter. Because revolutions are on the way...in the materials, products, and processes of our in-

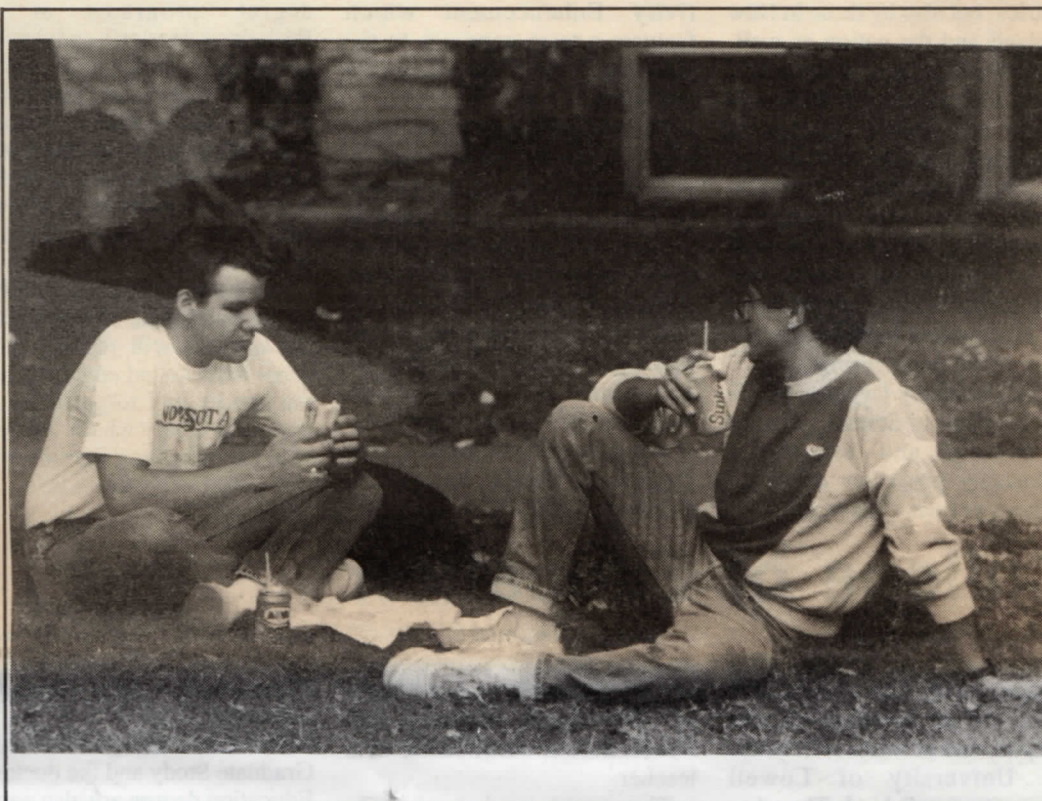


dustrial base; in the way we view the world of work and personal health; in the way we acquire, communicate and teach knowledge; in the art and literature of our culture. And the University of Lowell will be in the thick of all of it.

The one sure way to benefit from such change is to lead it. That's how American society, and our region, has remained economically strong and intellectually vital.

And it all comes back to you. From the first day you enter the University of Lowell you will be preparing a place as one of the leaders. I'm looking forward to sharing that possibility with you.

### This could be you



Throughout the year, Connector photographers will be taking candid photos of campus people, sights, and events. You could be next.

### The ULowell Connector



Editor-in-Chief, Bob Manning, hopes to see lots of new faces at the first Connector meeting of the fall semester.

### Inside the Connector news department

By Paula Haines

Every week, the Connector news department researches stories which are of interest or importance to the ULowell community. We report the facts about issues which confront students and faculty on campus and off.

In a school with over 10,000 students, especially one which is receiving as much attention as ULowell has been recently, there is always something to print.

In the past year, many stories have come across the news desk which our reporters have addressed. Some of these have been stories about people or events here on campus, such as the proposed merger of UL and UMass, the restoration of Nesmith house

as a reception center, the new dorms and data system, student government, and Board of Trustees meetings.

Several controversies have kept news reporters busy during the past year, including the effects of the Massachusetts fiscal crisis on UL, a new mandatory insurance policy, an attempt by the BCC to establish a club on campus, and the conflict between students and administration over the parking problem.

Of course, the Connector also deals with issues and events which take place off campus. We followed the presidential elections, Lowell City Council, the state budget, and former UL Trustee Paul Tsongas' appointment to the Massachusetts Board of Regents of Higher Education.

In some issues, the news pages include stories from the College Press Service (CPS), a news service to which the Connector subscribes. CPS provides stories of interest to college students nationally, usually focusing on a particular college or university.

Another feature on the news pages is the police blotter, which lists the reported crimes on campus, such as car break-ins and thefts.

As you can see, there are always stories to be written, so why not come to a meeting and talk to us? We hope to see you here in September — good luck at ULowell!

### inside connections

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### Join the Connector!!

Meetings Mondays  
at 6:00 p.m.  
Fox Hall, Room 426

### Have a Great Summer!



# The Colleges

## College of Pure and Applied Science Liberal Arts

The College of Pure and Applied Science provides high quality education in the sciences at all levels including the B.S., M.S. and Ph.D. degrees which have been conferred at every Commencement Exercise since the inception of the University in 1975. In recent years, the College has expanded the research efforts in its undergraduate and graduate programs to provide its students with unique educational experiences in the understanding of natural phenomena. The College is well-attuned to the scientific and technological needs of the region's industrial sector and offers programs which produce graduates who are in high demand not only by the region's industries, but also by those in New England and the nation as well.

The Biology Department offers both the Bachelor of Science and Master of Science degrees in Biological Sciences with an option in Biotechnology which forges ties with Chemical Engineering, Biochemistry and Health Professions. Notable student projects have investigated subjects related to heart disease and genetic engineering.

The Chemistry Department offers Bachelor of Science, Master of Science and Doctor of Philosophy programs approved by the American Chemical Society.

ty. Opportunities in this department include options in polymer science, biochemistry, analytical, organic, physical and inorganic chemistry with notable student projects in new polymeric materials, new analytical methods and metabolism of living systems.

The Computer Science Department, which has the largest student enrollment of the College, offers the Bachelor of Science, Master of Science and Doctor of Science degrees. Students utilize state-of-the-art equipment in their studies and investigate topics such as graphics, artificial intelligence and robotics. Many of these students work on interdisciplinary projects in conjunction with the University's Center for Productivity Enhancement which features a team approach to the solution of fundamental problems.

The Meteorology option of the Earth Sciences Department is very attuned to the needs of society. Currently, a weather station is in operation where the students daily determine the weather forecast. ULowell is the only college or university in Massachusetts offering a Bachelor of Science in Meteorology and it is one of only two in all of New England. The College is hoping to attain a graduate program in this

discipline. Other options in the department include Geology and Environmental Science.

The largest department in the University is the Department of Mathematics. The department now offers the Bachelor of Science and Master of Science with plans to initiate a Doctor of Science Program. A student may major in Pure Mathematics or choose options in Statistics and Applied Mathematics, both of which contribute to an Actuarial Science background. A five year BS/MS program is also offered. Students who have completed this program will be graduated from ULowell with both a BS and an MS degree in Mathematics in their chosen option.

The Physics Department offers degree programs at the Bachelor's Master's and doctoral levels with options in optics, applied physics and mechanics, energy, and radiation science. The College maintains the Energy Center which includes a nuclear reactor and particle accelerator for research and teaching purposes.

In summary, Dean Arthur Waterson states that, "The student in the sciences will receive a fundamentally sound education with the opportunity to participate in unique projects which will provide the basis for a lifetime of intellectual inquiry into the sciences."

From the twelfth century origin of the universities down to the present the liberal arts have always held a position at the center of higher education.

The first aim of an education in the liberal arts is to form a graduate who possesses the habits of mind which embrace intellectual curiosity, aesthetic sensitivity, a balanced respect for tradition and innovation and the ability to think critically and thus make judgments in life situations on the basis of both relevant facts and the application of enduring human values.

At the University of Lowell the College of Liberal Arts offers degree programs in ten areas - American Studies, Art, Criminal Justice, English, History, Languages, Philosophy, Political Science, Psychology and Sociology, (most of which include several options and concentrations within the major field) as well as nearly forty minors which may be elected in most departments of the University. The opportunity for the student to combine a major (or double major) with a minor or minors enables him or her to create an educational plan that provides both a desirable breadth of knowledge as well as specialization.

The professional degrees in Fine Arts and Criminal Justice stand as exceptions to the rule, but the liberal arts traditionally have not aimed at training graduates for specified jobs or careers. Students concerned

about careers after graduation will do well to remember that, as well as providing preparation for those with the interest and ability to pursue graduate study in their chosen fields, a graduate of the College of Liberal Arts can aspire to enter professional schools in education, law, medicine, business or other professions. A liberal arts graduate is, in fact, a highly employable person in many fields; the student who takes advantage of what the college and University has to offer will find themselves with a distinct advantage in the market place.

The very diversity of the College of Liberal Arts and the range of choices that it offers enhances the attractiveness of its programs. Many students enter the University without a clear commitment to a particular area of study. The college allows its students up to two years before they make a final decision and provides the support and guidance to make this and other choices. But the existence of options and choices in the liberal arts curriculum imposes a responsibility on the student to exercise special care in creating his/her program. The benefit of this kind of education to the liberal arts graduate, in terms of skills gained and attitudes formed, are for this reason likely to be more useful and practical over the long haul than is the education acquired by graduates in other areas who are trained in a narrower mold that could become obsolete in a changing world.

## College of Education

The College of Education is located on the picturesque West Campus on the Chelmsford line. There are six buildings on that campus, one of which will house the University of Lowell Demonstration School. The other buildings have classrooms and faculty office space.

The College is a graduate school only. Students who wish to be prepared to teach may apply at the completion of their Bachelor's degree or after they have worked for a few years in another field.

The regulations for the certification of teachers are many and complex, so the College of Education programs have been carefully tailored to meet those requirements. Students who are accepted, work full time for a full academic year, which includes sixteen weeks of apprentice teaching and a very heavy schedule of courses.

The culmination of this "stiff" program upon successful completion of all the pieces is a Master of Education degree and Massachusetts certification as a teacher.

The program is not only popular, but highly regarded by Superintendents of Schools who seek quality candidates for positions in their school districts.

But good things don't last forever--the Bureau of Teacher Certification of the Commonwealth of Massachusetts is changing regulations so that means the program must change in 1993. Interested students should call Dr. Gail M. Carney, x2774.

The College of Education offers other Master's degrees in Reading and Language, Administration, Planning and Policy and Curriculum and Instruction, with options in Economic Education, Bilingual Education, English

as a Second Language, Technology and Learning Environments and Museum Education.

The Certificate of advanced Graduate Study and the doctor of Education degree are also part of the College's offerings.

The West Campus also is home to the Center for Field Services, the Instructional Television Network, the Economic Education Center, the office of School Volunteers for Lowell and, in the Summer, the Reading clinic for elementary students.

In September 1989, the pilot program for the Demonstration School will begin on West Campus. Twenty pre-kindergarten and kindergarten students, half of whom will be non-English speaking, will be enrolled in the program.

Dean M. Virginia Biggy, Assistant Dean Gail M. Carney and the Faculty welcome visitors to West Campus.

## College of Management Science

American industry has confronted several important changes during the past decade. Rapid innovation in technology, the globalization of the market place, and foreign competition are only a few of the challenges facing business today and in the future. The College of Management Science (CMS) prepares its students to meet the management challenges of the 1990s and beyond by providing a broad general education and specialized professional training necessary to compete successfully in a constantly changing, increasingly complex economic environment.

The College is dedicated to preparing graduates who are comfortable in a global economic environment, who use the latest technical tools of their chosen discipline and who apply a foundation of general education in the

arts and sciences to the solution of business problems.

Nearly 2300 undergraduate and graduate students are currently enrolled in the College of Management Science. Undergraduate students receive an in-depth liberal arts, mathematics and science background during their first two years at the University. All students must complete at least 60 semester credits of work before they can enroll in any upper division business courses in CMS.

The College offers a full range of business programs that are fully accredited by the American Assembly of Collegiate Schools of Business. Professional accreditation of business programs is a distinction held by only 25% of all business programs in the country. ULowell is only the second public university in

Massachusetts to hold AACSB accreditation (UMass-Amherst is also accredited).

Three undergraduate degree programs enable students to earn a Bachelor of Science in Business Administration, a Bachelor of Science in Industrial Management or a Bachelor of Arts in Economics. In addition, the College offers a Master of Business Administration (MBA) degree.

CMS students use highly sophisticated computer technology in the College and the University. A dedicated DEC VAX 8350 minicomputer and a large number of IBM-compatible personal computers are available in the College. In addition, more than 1400 computer terminals across the campus allow students to access university computer resources. Many business courses integrate computer applications using state-of-the-art hardware

## College Health Professions

The College of Health Professions of the University of Lowell has grown rapidly and boasts quality accredited baccalaureate and master's degree programs. Bachelor of Science degrees are offered in Nursing, Health Education, Clinical Laboratory Science and Physical Therapy. Master of Science degrees are offered in nursing, Clinical Laboratory Sciences and Health Services Administration.

The new Bachelor of Science option in Clinical Laboratory Science in Exercise Physiology is popular with incoming students. A new entry level Master's program in Physical Therapy will accept its first students in

September, 1990. The college has submitted a request to plan a Doctorate in Nursing.

The College of Health Professions responds to the demands placed on it by the health care needs and issues of society. The college and its graduates will be involved in contributing to solutions of many of the issues. Consequently, the future for health professionals is an exciting one. There are changes in the way health care is being delivered and changes in the role and traditional arenas of providing care. The programs in the college and the faculty are constantly in tune with what's happening in their field of endeavors.

The College in addition, is developing its Center for Health Promotion where town and gown can be linked through education, research and service, for the common good. Much lies ahead for the College of Health professions. Dean Shalhoup sees this as a challenge for creativity and looks toward having a good time in accomplishing the goals the College has set out.

### ORIENTATION SPECIAL



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and software.

Students can concentrate in ten functional disciplines: Accounting, Economics, Finance, Management, Human Resources Management, Industrial Management, International Management, Marketing, Management Information Systems and Operations Management. Information on options within specializations is available directly from department chairpersons or the Office of the Dean.

In addition to its academic programs, students can participate in various clubs and associations along with others interested in similar professional careers. The CMS also has two academic honor societies, Sigma Iota Epsilon and Beta Gamma Sigma, which are open to undergraduate and graduate students with high academic standing in the College.



## Changes

Judith A. Nelson

We moved from a time when our days were spent mostly with our mothers to a time when most of our days were spent with teachers and classmates. It was a period in our lives filled with changes. New roles and new expectations were placed upon our little shoulders and we rose to the occasion.

Since our entrance into the world of education we have grown. We passed through the various stages of childhood, into our early teen years, and then into our late teens on the verge of adulthood, which is where many students are when they enter college.

During each major transition in our lives there were some feelings of nervousness and anxiety. I recall junior high being, perhaps, the hardest. Would I fit in? Would I be in the "right" crowd? And how was I going to find my classes? I had visions of wandering the corridors unable to find my class for hours! Definitely the stuff nightmares are made of. I did, of course, eventually find all of the rooms my classes were in and I'm happy to say I did survive.

High School came next and the place seemed huge. The buildings were bigger and so were the problems. Who can forget worrying about dates, proms, zits (on picture day no doubt!), big football games and fights with your friends. It wasn't easy and there were larger questions too. Many of us made decisions about sex, drugs, and drinking. We made a lot of choices and we made a lot of good friends and good memories.

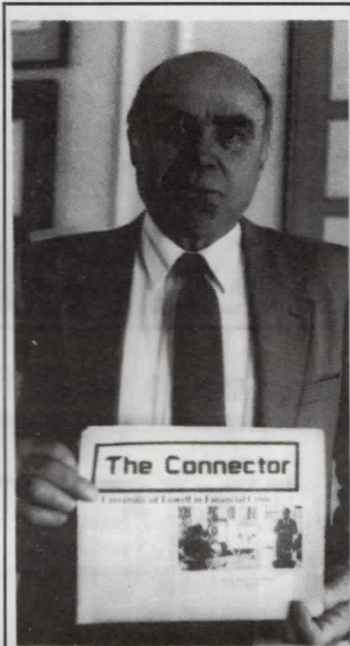
And now it's time to move on to a new place filled with bright promise. There are undoubtedly feelings of apprehension about this place, the University of Lowell. There are many buildings on different campuses and it is a bit scary. But like junior high and high school you will find your way and know it like the back of your hand in no time.

The possibilities here are endless. There is knowledge to be acquired, friends to be made, clubs to join, and plenty of sources of support if you're feeling overwhelmed. It is an exciting atmosphere and after more than two years here I still find the environment vibrant!

So, I congratulate you on your decision to come to college. It is a privilege and a great opportunity. Rise to the occasion and do your best. Then be proud of yourself! Good-luck. I look forward to meeting you in the Fall.



## Connector Photojournalism Highlights from the past year



President Hogan refers to a *Connector* issue in a discussion of budget cuts.



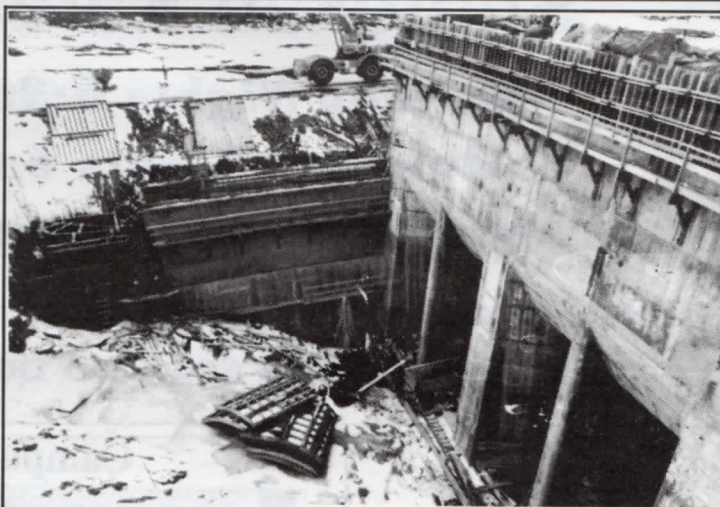
A Campus Police officer tickets an illegally parked car.



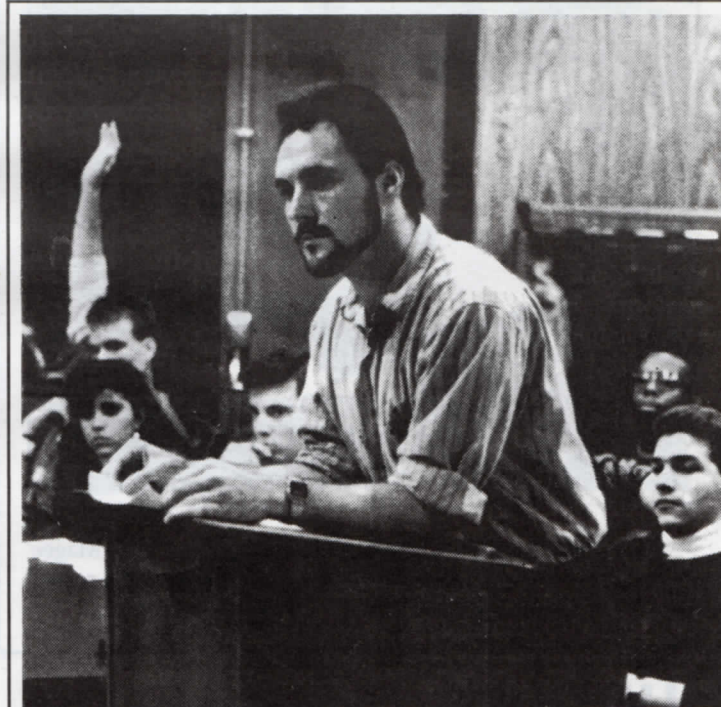
The Student Government Association held elections in April.



Students rallied to show administration their concern over the parking issue.



Construction sites marked the areas where the new dorms now stand.



Roger Porier speaks to student senate members.



Kazanjian's Garage tows a car from the Lovejoy Lot.

## Connector Photography

These photos were taken by our photography editor Peter Anton, or by *Connector* staff members.

Photojournalism is an important part of the news pages, and working on staff provides experience on assignment and in the darkroom. If you have an interest in photography, come to a *Connector* meeting. We meet every Monday night at 6:00 in Fox Hall room 426.



## Sexual decision making

Peer pressure and increased freedom from parental restrictions leads many college students to begin experimenting sexually. After all aren't all college students "doing it"? It's certainly what the media portrays. The entire college experience may be overwhelming for some, and many times "things just happen". While this may be a common occurrence among college students, it is not conducive to developing healthy, pleasurable, and satisfying sexual relationships and may have serious consequences, i.e. unplanned pregnancy or sexually transmitted diseases.

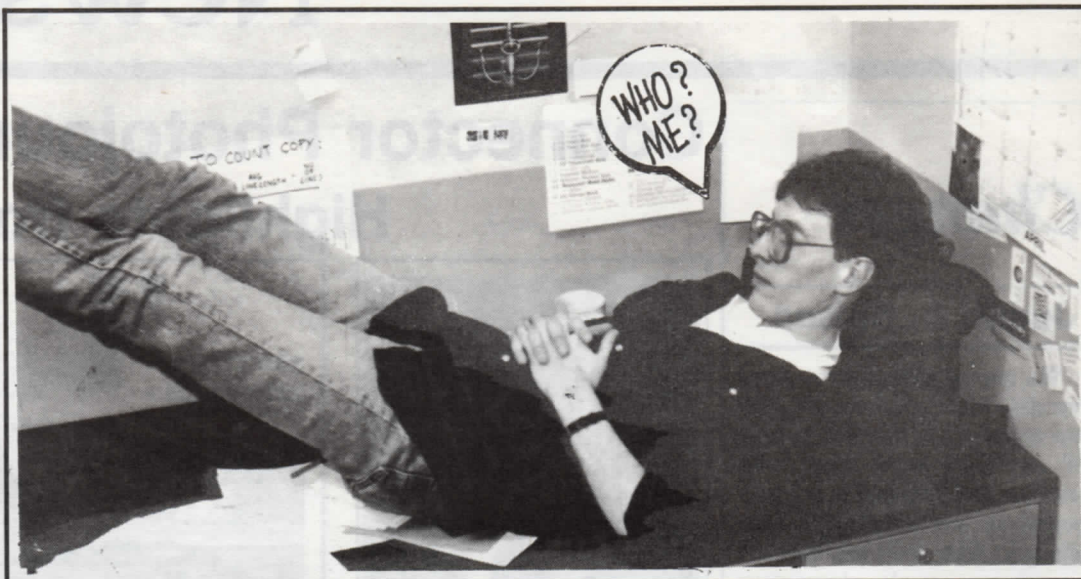
Even if you are not sexually active at present or even dating anyone, now is the time to begin giving some serious thought, if you haven't already, to such questions as: How do I know when the time will be right for me? Does my partner love me? Do I love him/her? Can we have sex without intercourse? (YES!) Do we need contraceptives? And yes, people do still wonder - will my partner respect me in the morning?

Some students may decide to gradually become sexually active within a steady relationship, by moving from "making out" to "making it". Others may make the decision every time they meet someone they are attracted to. Still others may use alcohol or drugs to help them "get turned on".

But sex is too important and personal a decision to let: some one else, alcohol or drugs, loneliness or depression, peer pressure, an ultimatum or fear of rejection decide for you.

The decision must be yours alone and must depend on how you feel. Talking with friends, roommates, your partner, siblings, and sometimes even parents can help you to clarify your feelings. Here at school the counselors, chaplains, or nurse practitioners at the Student Health Services are always available to listen non-judgmentally, and to provide accurate information regarding issues related to sexuality.

Keep in mind, the decision is ultimately yours and if you feel you are mature enough to become sexually active, you must be willing to accept the responsibilities that entails. If you have questions or concerns regarding any sexuality issues, please call the Student Health Services at ext. 2280 to make an appointment. And in the future look for our next article on Responsible Sexuality, with some questions you can ask yourself, to help you begin to sort out who you are as a sexual being and how that relates to others.



Do you have what it takes to work for *The Connector*?

## The CONNECTOR

is looking for students who have or would like to acquire experience in several fields. Beginning soon, many important positions on the newspaper staff will be open. If you have an interest in **Photography, Advertising, Sports, Layout and Production, Business and Financial Management**, or if you just have an interest in being a part of **YOUR** campus paper.

The CONNECTOR holds meetings every Monday evening at 6 p.m. in Fox 426.

## Highway reading



Sean & Cindy enjoy the ULowell Connector, while Steve Magee & Fr. Paul look on in awe during the Catholic Center's recent trip to the North Carolina Shelter for Abused Women.

## Sunburn

Sunburn is the most common painful affliction of students heading South for March break. Water skiers, swimmers, surfers, and sun bathers should start out with 15 minute exposure initially, and depending upon the reaction the first day, may increase 30 to 45 minutes per day over the week. Once you can tolerate an hour without redness, then you can extend the time without burning.

It is a mistaken notion that many health benefits can be derived from the sun's rays. One of the benefits is the formation of Vitamin D, but this can be ob-

tained by other means. Few people realize that repeated exposure to the sun will lead to irreversible, degenerative skin changes. Years of over-exposure can lead to saggy, leathery, wrinkled blotchy skin and increased incidence of skin cancer, especially among fair-skinned people.

Protective preparations include sunscreens which absorb light, such as PABA. PABA absorbs light by being absorbed into the top layer of skin and chemically uniting with protein. This chemical complex gives a limited amount of continuing protection, even after swimming, sweating or

bathing; however, it will eventually wear off and should be reapplied. PABA (Presun), offers excellent protection and should be applied two hours before exposure, after swimming or bathing and on a daily basis for sun sensitive people. (It is staining, especially with cotton, so apply carefully.)

Cocoa butter and mineral oil are used for lubrication and offer no protection against the sun's rays.

Treatment for sunburn includes aspirin, cool compresses or cold cream. Severe pain, nausea, vomiting, swelling or blistering may require medical treatment.

## University of Lowell Shotokan Karate Club

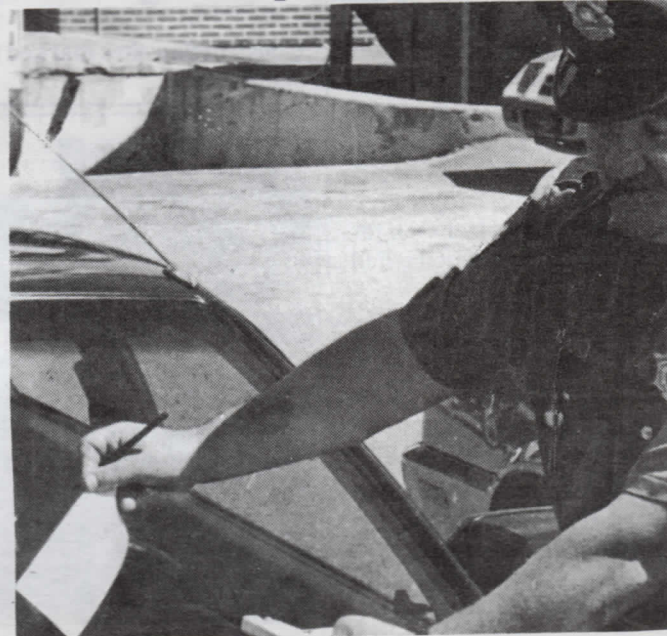
**Monday Nights 6:30 - 8:30**

**Wednesday Nights 6:00 - 8:00**

**North Campus, Cumnock Hall**

*Please excuse the workout time and location changes we lost our gym space on South Campus*

## Campus cops....



they're no joke!





## Elegance! Space! History!

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# Student Activities

## The Office of Student Activities

**Director of Student Activities: Mary M. Connelly**

**Office Location: Fox Student Union, Room 409 x2362**

The Office of Student Activities is responsible for assisting student organizations in the planning and implementation of a broad range of social, recreational, educational and cultural programs for the campus community. In addition, the office serves to 1) promote communication between the student organizations, advisors and interested students, 2) provide a comprehensive student leadership development program, 3) develop and coordinate commuter life programs and serve as an advocate for commuter student needs, 4) oversee the administration and management of student union/centers and student activity fees and 5) promote student participation in decision making and planning processes related to campus life policies and programs.

The office maintains current information on student organizations, provides services and assistance to the clubs and their advisors in support of their day to day activities, coordinates leadership workshops on specific topics to enhance the skills and knowledge of the organizational leaders, publishes a monthly Calendar of Events and oversees the reservation of University facilities for non-academic purposes.

The Director is available to meet with students Mon.-Fri. 8:30 a.m. to 5:00 p.m. The Student Activities Bookkeepers Mary Martin and Janice Larsen are located in Fox 411 and Fox 415, respectively, and are available Mon-Fri. 8:30 a.m.-4:30 p.m.

The following is a listing of facilities and services students most commonly use and/or should be aware of:

### Student Unions

Student Unions have been established on both the North and South Campuses of the University. These facilities are meant to serve as the focal point for social, recreational, educational and cultural events presented by and for the students.

The Fox Student Union on the North Campus contains a student activities area on the first six floors. Located in this area are a student function room, complete with a big Screen TV, a game room, conference and meeting rooms, a small theater and lounge area. A new convenience store, located on the first floor is scheduled to open this fall. The facility also contains a dining hall with a seating capacity of 700 which can be converted into recreational use. In addition to the Office of Student Activities, many of the student organization offices are also located in Fox. These include *The Connector* (newspaper), Student Government Association, Sojourn (yearbook), Movie Division, Graduate Student Organization and other special interest clubs. The Campus Ministry Office is located in Fox, Rm. 608.

The McGauvran Student Center, located on the south campus, contains a student lounge, big screen TV, recreation and games area, Student Information Center (S.I.C.), offices and meeting rooms for student organizations including Amnesty International, Progressive Student Union, International Relations Club and the Commuter Association, a student mailroom and the University Art Gallery. The Center also contains offices for the Freshman Center, Counseling Center, Health Services and Financial Aid.

**Commuter Lounge**  
Located in the basement of Southwick Hall on North Campus is a large area commonly referred to as the "Commuter Lounge". Located in close proximity to the student mailroom and Student Information Center this area offers space to study, eat, watch

TV or just meet with friends between or after classes.

In addition to the traditional vending machine fare, ARA Dining Services provides a food cart offering such items as danish, bagels, soup, prepared sandwiches, salad and hot dogs, during the morning and lunch periods. The area is open and available to all students Monday-Friday 7:00 a.m. to 5:00 p.m.

### Student Information Centers

The Student Information Centers (S.I.C.), manned by volunteers, offer general University information, club mailboxes and club information, lost and found service and sell tickets to many of the on campus events offered at the University.

The North Campus S.I.C. is located in the basement of Southwick Hall, across from the mailroom and around the corner from the Commuter Lounge. In addition to the other services, the North S.I.C. boasts a large monthly Calendar of Events located on the bulletin board outside the office.

The South Campus S.I.C. is located on the second (main) floor of the McGauvran Student Center. In addition to information services, the S.I.C. also offers three electric typewriters available for student use.

The S.I.C.'s are an excellent source of information about what is happening at the University of Lowell. As they are volunteer organizations, coordinated by the Student Government Association, the hours of operation are posted each semester. Interested individuals are always welcomed to join.

### Mailboxes and Postal Service

Student mailrooms are operated by the University of Lowell Associates, Inc. for the convenience of students. On the North Campus, the mailroom is located in the basement of Southwick Hall, around the corner from the Commuter Lounge. The South Campus mailroom is located in the McGauvran Student Center. Each student must be assigned a mailbox during registration. These mailboxes are for both resident and commuting students, since incoming mail, administrative notices and faculty communications are placed in student mailboxes on a regular basis, if not daily.

Mailroom facilities are made available to clubs and organizations for the purpose of distributing notices and advertisements, providing that such distribution is made by club personnel rather than mailroom employees. Mailroom hours on both campuses are from 8:30 a.m. to 12:00 p.m. and from 1:00 p.m. to 4:00 p.m. The mailroom does not receive items for distribution after 4:00 p.m.

### Student Organizations

The University of Lowell strives to develop the entire person, through quality academic programs and by offering a correspondingly strong program of out of classroom activities. One way to make sure that the University becomes a less threatening place is to get involved in one of the many student clubs and organizations available on campus. Joining a student organization is a very good way to meet friends, explore new interests, develop budget and management skills and enhance your personal growth outside the classroom. The following is list of student groups active on campus. For more information about these or any other organizations, contact the Office of Student Activities.

## List of Clubs

### Activities Commission

Responsible for providing diverse entertainment on campus, varying from speakers and cultural events to major concerts and special activities (i.e. Spring Carnival, Homecoming, and University Week).

### All People's Coalition

The purpose of this club shall be: (1) to promote racial awareness; (2) to promote harmony and equality among faculty and students; (3) to break down racial barriers and stereotypes; (4) to embrace the differences and the similarities between cultures and (5) to create an open-minded atmosphere on campus.

### The Alpine Club

Seeks to expose club members to the outdoors. Club activities include camping, hiking, rock-climbing, canoeing. Students form their own trips with the aid of officers.

### American Chemical Society

The purpose is to form an affiliation at ULowell in conjunction with other local affiliations: e.g. UNH, BU, etc., to stay in touch with related topics concerning subjects dealing with chemistry and related topics.

### American Institute for Chemical Engineers (A.I.C.H.E.)

Professional society for chemical engineers. All chemical engineers (Freshman-Senior) are encouraged to get involved.

### American Meteorology Society

Activities include seminars with guest speakers, field trips relevant to meteorology, an annual hike up Mt. Washington, a snowpool contest, and an outing at the end of the year. Being a member of the club is a rewarding experience to everyone who gets involved.

### American Nuclear Society

Promotes the advancement of nuclear science and engineering, and the professional development of its members through several programs, trips and events. One of the most active professional societies on Campus.

### American Society of Civil Engineers (A.S.C.E.)

Is a professional society for Civil Engineers. The purpose of this organization is to provide students with an opportunity to enhance their professional development. Through publications, field trips and guest speakers, students are exposed to the career paths in Civil Engineering, and current technologies in practice. Activities including a regional conference, spring picnic and Christmas party. A.S.C.E. mailbox; Civil Engineering Office FA-108.

### American Society of Mechanical Engineers (A.S.M.E.)

Makes students more aware of recent developments in the field of mechanical engineering through publications and activities of the A.S.M.E.. Each year a Regional Student Conference is held for all the engineering schools in Eastern Massachusetts. This promotes fellowship and interaction with other A.S.M.E. student sections and senior sections.

### American Society for Quality Control

ASQC is a nationally recognized organization of quality control professionals involved

in various industries. The student chapter is sponsored by the Merrimack Valley Section of ASQC. We are dedicated to teaching students of all disciplines about quality. One of our goals is to inform students of the methods used in industry to insure the quality of the products or services being offered.

### Amnesty International

The purpose of this club is to promote an awareness of human rights abuses and to organize activities/fund raisers in an effort to contribute to the lessening of such abuses.

### A.P.I.C.S.

To promote manufacturing and service planning and control among university students, especially the operations management and information system pupils in the College of Management Science and Engineering school major in.

### Art Club

The purpose is to share in and promote the cultural experience that studio art offers. The club provides demonstrations, lectures and trips to contemporary galleries, as well as "hands on" experiences. It differs from the Art History Club in that the focus is on contemporary art and "hands on" experiences. The membership is open to all students and no art training or knowledge is needed. Activities have included field trips to art galleries, film festivals on contemporary artists; art exhibitions, lectures and demonstrations.

### Art History Club

Attend lectures given in the local area concerning both studio art and art history. The club hosts art exhibitions of surrounding area artists, faculty members, students' own works as well as trips to Boston museums, local area museums, and New York City museums.

### Audio Engineering Society

### Automotive Engineering Club

Design and manufacture of an all terrain vehicle for competition.

### Audio Visual Society

The AVS consists of three parts. The Movie Division is responsible for the movies shown at Cummock Hall each week, plus the yearly movie marathon, two of the most popular activities at this school. WJUL is the campus radio station. It is on the air all year round and provides students with an opportunity to learn about all aspects of a radio station, including management, promotions, engineering, communication, etc. Tech Services, the third part of the AVS is a support group that maintains the equipment of WJUL and the Movie Division.

### Beta Gamma Sigma (Nat'l Honor Society)

### Bicycle Association

To provide fellowship for those interested in bicycle touring and related activities.

### Biology Club

The purpose and objective of this organization will be to further the intellectual, professional and social pursuits of students at the University who express an interest in the Biological sciences.

Continued to page 7



# Clubs continued

•from page 6

## Black Student Union

The purpose of the Black Student Union is three-fold: (1) to serve as the voice of the minority student body, (2) to assist those minorities in need of academic aid by informing them of the offered services, and (3) to hopefully enrich the academic, social and cultural abilities and knowledge of each member by providing opportunities of such kind to its members. (Any student may be a member).

## Cambodian Student Association

To assist Cambodian students to become acclimated to campus life. To promote an appreciation of their ethnicity and culture at the University of Lowell.

## Campus Ambassadors

The purpose of Campus Ambassadors is to provide for students an opportunity to investigate the life of Jesus Christ and the Christian faith as presented in the Bible, aid in the discipleship to Christ, and to assist in meeting spiritual, emotional, physical, and intellectual needs of the student body of the University.

## Chemical Engineering Honor Society-Omega Chi Epsilon

Chemical Engineering Honor Society.

## Chinese Students Circle

The purpose of this Circle is to render help to all Chinese students and to promote understanding and friendship among the members at the University of Lowell community.

## Civil Engineering Honor Society-Chi Epsilon

Chi Epsilon is dedicated to the promotion of Civil Engineering in society. Recognizing the academic achievement of civil engineering students and working to aid in their development. The club's main objective is to maintain and promote the honorable characteristics of the civil engineering integrity, ethics, and practicality in the civil engineer.

## Clarinet Society

Acquaints students (via master classes and recitals) with the various aspects of a career in music while also offering opportunities for professional performances.

## Community Service Organization

The club is dedicated to doing volunteer work and community service. Hopefully we can achieve two goals: (1) to improve the image of the University and (2) improve some people less fortunate than ourselves through active civic responsibility.

## Commuter Association

The Commuter Association is a resource group which provides information to students relative to transportation, housing, off-campus entertainment and services. This Association is designed to provide services and activities for students who do not reside in University housing. The Commuter Association also acts as a medium between Student Government and the commuter students.

## Connector

Is the student newspaper of the University of Lowell. It is student written, compiled, and published. The newspaper offices are located on the fourth floor of Fox Hall. All students are encouraged to take an active role in campus activities and the newspaper provides an excellent opportunity to learn about the University and about the creative world of newspaper publishing. Be a part of the "best darn paper on campus."

## Delta Phi Psi for Service & Equality

The purpose of this club shall be to give service to any group or person who asks or is seen as having need and would benefit from the club's services. In just one short semester, the club has worked on the Concord River clean-up project, the Student Services Committee of Senate, the Hunger Clean-up effort and work for the House of Hope. Delta Phi Psi has also been acclaimed by Representative Chet Atkins.

## Economics Club

The purpose of the Economics Club is to expose and educate members, and whenever possible the general student body, to economic principles and practices. Additionally, the Economics club seeks to provide opportunities for students to continue their education and awareness of economics by sponsoring such events as lectures, field trips, career days, and tutoring workshops. An important goal of the economics club is to offer assistance and support to the economics department so as to enhance and strengthen the University's Economics program.

## Emergency Medical Technician (E.M.T.) Society

The club is made up of E.M.T.'s and those students who have the desire to get involved in the Emergency Medical Services (E.M.S.) The club provides the University community with close to 24-hour E.M.S. service. The society also provides services at all Activities Commission events, any club event when requested, complete E.M.S. service during the Spring Carnival and holds University wide CPR courses.

## Encore Club

An organization dedicated to lending support to returning older students and others on campus looking to connect with fellow students within the context of common interests and activities.

## English Society

The English Society is an organization dedicated to the pursuit and improvement of literature and the classics. The betterment of student writing and displaying those works is paramount.

## Equestrian Team

The purpose is to allow students to participate in a riding program while in school, allowing for limited time and money.

## Eta Kappa Nu, Epsilon Zeta Chapter

Eta Kappa Nu is the electrical Engineering Honor Society. Its purpose is to recognize those students who have shown outstanding academic achievement in the electrical engineering curriculum.

## Hang Gliding Club

A group interested in furthering the sport of hang gliding.

## Health Physics Society

Fosters a higher degree of professionalism, provides a forum for research topics, discussion, and system of advice, and serves as a vehicle for membership and recreational activities.

## Indian Students' Association

Promotes and interprets the culture and life of India. Encourages members to participate more fully in the social and cultural life of the University's community and renders assistance to University of Lowell students newly arriving from India.

## I.E.E.E. Institute of Electrical and Electronic Engineers

Is a professional organization whose purpose is to introduce electrical engineering students to all areas of the electronics industry. Open to all E.E. students interested in getting involved beyond the classroom, functions include talks by professional engineers, tours of local engineering facilities, and student faculty gatherings.

## International Relations club

The purpose of the club is to provide students with the opportunity to exchange views about international politics, to meet with representatives of other nations and to improve debating, compromising and public speaking skills by representing the interests of various countries at different Model Simulations.

## Intervarsity Christian Fellowship

Is an interdenominational Christian group, which meet weekly for prayer, bible study, encouragement and social activities. Participants are spiritually and intellectually challenged by bible studies which are tailored to the needs of the college student. Highlights of the year with Intervarsity include a Fort Lauderdale evangelism trip during spring break, retreats, weekend conferences and week-long summer camps.

## Italian Club

To help the student to understand Italian culture by means of the expression of such through films, opera, lectures. To learn about the Italian in Economics, Politics, Art, Literature, and also the Italian American Experience.

## Karate Club

The ULowell Karate Club features an exciting, safe, and competitive sport which trains students mentally and physically in self defense and self discipline in the Okinawan style of Shotokan karate. The club is affiliated with the North American Karate Federation and the New England Collegiate Karate Conference which are both headed by Kazumi Tabata who has a seventh degree black belt. The club can also be used to satisfy gym credit by signing up for "Independent Ac-

tivity" at PE registration.

## Korean Student Club

The main purpose is to keep the unity of Korean students and help each other in any way. Activities include special seminars, special movies, picnics, and different types of sports tournaments.

## Kung Fu Club

The purpose of this club is to teach students the ancient art of classical Kung Fu. This helps to promote personal growth as well as physical fitness in a stimulating learning environment.

## Latin American Students Assoc.

The club participates in many cultural events in the Greater Boston area. The club also sponsors events in the visual performance center on South Campus. The club helps out all international Latin students to get acclimated to campus life and any other problem areas.

## MacIntosh User's Group

To provide students with information on MacIntosh computer applications through meetings, newsletter, guest speakers, product demonstrations, etc.

## MaGIK (Master's Gaming Konnection)

The purpose of this club is to organize and run fantasy role-playing games. These include Dungeons and Dragons, Traveller, Gemma World, Rune Quest, and many more. Both novices and experts are accepted and the club has many different levels of games.

## Marketing Club

Is an official chapter of the American Marketing Association, a professional organization that links students with experts in the field of marketing. Activities include: AMA monthly banquets, guest speakers, trips to local businesses. Highlight activities include intercollegiate marketing conventions in New York City and New Orleans. All marketing and business majors are welcome.

## Masspurg

State-wide student directed action group. Working on environmental, social and public interest issues.

## Movie Division (See Audio Visual Society)

## Music Educators National Conference (M.E.N.C.)

Provides opportunities for its members to become acquainted with leaders in the music education professions as gained from participation in clinics, demonstrations, discussions and performing groups planned by this chapter, MMEA and the MENC. Membership is open to any student of the University of Lowell MENC publication, the Music Educators Journal and the MMEA publication, Music News. The MENC office is located in room 311 of Durgin Hall, South Campus.

## Music Industry Club

Is open to all University students to keep up with the fast changing industry of music, as guest speakers who are out in the business world and try to help students find interesting career opportunities.

## Muslim Students Organization

The purpose and objectives of the club is to strengthen fraternal bond and brotherly relations among Muslims and other University communities. To carry out religious, social, educational, charitable and other activities. Do work for universal brotherhood, social justice and peace. Do promote a better understanding and awareness between Muslim and non-Muslims.

## National Society of Black Engineers (N.S.B.E.)

N.S.B.E.'s main objective is to recruit, retain, and successfully graduate minorities in engineering, engineering technologies and the physical sciences. N.S.B.E. encourages members to seek advanced degrees in engineering or related fields and to obtain professional engineering registration. N.S.B.E. also encourages and advises minority youths in their pursuit of an engineering career, and we function as a representative body on issues and developments that affect the careers of African-American engineers and their communities. N.S.B.E. targets the English, French and Spanish speaking African-Americans therein and seeks to establish viable links with industry.

## Native American Outreach Organization

To help educate individuals to become aware of the Native American culture and the existing social problems these people face today and to offer assistance in any way possible.

## New England Association of Entrepreneurs

Training and helping students in entrepreneurial ventures on and off campus, also hold seminars and meetings with successful entrepreneurs from all over New England.

## Pershing Rifles

Squadron N-12 is the University of Lowell's chapter of the tri-service honor society. P/R was founded by General John J. Pershing as a Drill and Ceremony honor society, centered about the ideals of honor and brotherhood. The Brotherhood of Squadron N is a tight-knit unit, and is open to people in all branches of the service and to those civilians interested in drilling. Those interested should watch *The Connector* for further information or write us at North Campus SIC 114.

## Photo Club

Meets once a week in an attempt to offer those interested a chance to share ideas and experience with others interested in photography. The club has a darkroom in which both black and white as well as color developing can be done, and all black and white chemicals are supplied by the club. Anyone who joins with no past experience is quickly shown the basics and will be developing and printing their very own photos in no time.

## Physical Therapy Club

The purpose of this club is to enhance the students knowledge of physical therapy as a profession and to promote membership in the APTA (American Physical Therapy Assoc.).

## Political Science Club

The primary objective of the Political Science club is to increase the political consciousness of students at the University of Lowell. We believe this can be accomplished by encouraging students to participate in activities and events sponsored by the P.O. Club. The club allows individual political expression by advocating individual initiative in organizing events.

## Pre-Law Society

The Pre-Law Society acts as an information and support unit for prospective law students providing materials and pooled expertise to speed up and improve the application process.

## Progressive Student Union

To promote politically active interest by all students. No bias-left or right-all are welcome.

## Psychology Club

The purpose of the Psychology club is to create a community atmosphere among psychology students and to promote social and cultural activities for the benefit of the ULowell community.

## R.E.A.L.M. Leadership Team

A group of students, working through the Office of Student Activities, to develop a leadership training program, by students, for students to support the efforts of clubs on campus. Activities this past year have included a Fall and Spring Workshop series as well as a weekend conference open to all student organizations. Interested students should contact the Office of Student Activities, Fox 409.

## Republic of China Student Association

(a) to welcome and assist all newly arrived students from ROC; (b) to maintain and update a communication system among all members, including present students at ULowell, and alumni members all over the world; (c) to provide formal means of communication with the general ULowell community and other organizations; and (d) to promote social activities and professional development among all members.

## Residence Hall Association (RHA)

An on campus organization consisting of members from each of the nine residence halls. The purpose of RHA is to (1) generate social, educational, and recreational programs, (2) provide funding to groups who wish to do programs, and (3) to represent residents concerns and act as a liaison between students and administration. If you have any questions, please feel free to stop by Fox 512 or see Burt Howell, R.D. Bourgeois Hall.

## Society for the Advancement of Management

To enhance students in the advancement of management. Encourage students to attend our lectures that will provide this information.

Continued to page 16



# Residence Life Staff



**Associate Vice President of University Life**  
**Leo F. King**

## To the Class of 1993:

The Office of University Life Staff is excited to see the members of the Class of 1993 as well as the new transfer students who have chosen the University of Lowell as the academic institution where they plan to complete their degree requirements.

The University has entered into its second decade of progress and is going through an interesting period of growth -- one you will learn to know respect and admire. In years to come, you will become increasingly proud of your Alma Mater.

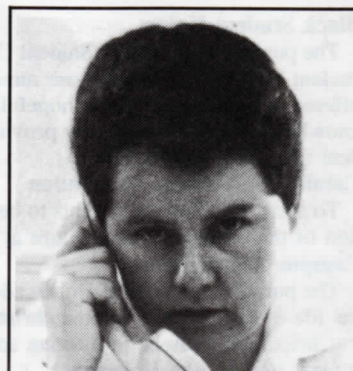
Many of you will need support to make adjustments to the demands of college and our curricula, and that is a primary role of the Office of University Life staff. It is important to get involved and we will help you in this effort. However, it is more important to realize and remember that the staff is always

ready and eager to answer your questions and on every occasion make you feel at home. You are a very important person to us!

Please give us an opportunity to meet you, individually, and allow us to fulfill our role as support people for the needs of our students.

**WELCOME!!!** Enjoy your time with us. Work effectively and diligently for academic excellence. We look forward to the months and years we will spend together. All it will take is for you to come to the first floor of Cumnock Hall (North) between 7:30 a.m. and 5:00 p.m. and say to the first staff member you see, "I have a question." and our friendship has begun and the true sense of membership in the ULowell Community will have been established.

Leo F. King  
Associate Vice President

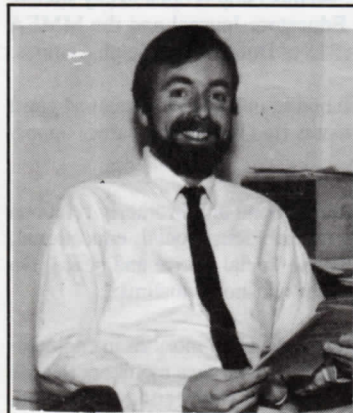


**Ellen C. Duggan**  
**Associate**  
**Dean of Students**

Today is the beginning of a very exciting time in your life. The Staff of the Office of University Life and the Dean of Students Office is here to help in any way we can! Please feel free to come by our office in Cumnock Hall (North) at any time.

Enjoy your day and if, when you get home you have questions, please feel free to call me.

Ellen C. Duggan  
Associate Dean of Students



**Dean Thomas C. Taylor**  
**Assistant**  
**Dean of Students**

Welcome to the University of Massachusetts at Lowell. I hope that what seems unfamiliar to you today will prove to be a place of rewarding memories. All of us are here to help you make your stay here one that will result in positive growth and great satisfaction.

Stop by when you have questions, need some encouragement, or just want to find some opportunities for involvement. I look forward to meeting you!

In the meantime, I trust today's orientation will provide you with some ideas and direction for a successful life -- as a student and in the days that follow.

## Volunteers

Do you consider yourself a people person? Do you have the desire to help children and adults develop and grow? Have you ever given thought to participating in a community service project, but quickly abolished the idea because you thought you didn't have the time?

If you answered yes to any one of these questions the Office of Community Service programming can help you become involved with a local agency in a manner which fits your time schedule. University of Lowell students are encouraged to volunteer in local agencies in order to increase their awareness of the community around them. Students in the past year have volunteered at the Boys Club, Girls Club, the Easter Seal Society, the House of Hope and the Lowell Association for the Blind (just to name a few!) If you want to find out more information about these and other opportunities please feel free to drop by my office located in the Placement Office, Southwick Hall or call ext. 3081. Remember a little help goes a long way! Thank you, Angela Swift.

## Academic computer center

The major Academic Computer Center (ACC) of the University is located in Olsen Hall on the North Campus. State-of-the-art computer equipment there consists of a cluster of two Digital Equipment Corp. VAX 8650 super-minicomputers along with 100-plus time sharing terminals and printers. This cluster is part of the University-wide telecommunications network and, as such, can be accessed from all UL campuses. Access to this system is open to all members of the UL family including faculty, staff and properly registered undergraduate and graduate students. There is a support staff of some eight professional people on the first floor of Olsen Hall. This staff covers operations services as well as consultation and

user services.

An extensive collection of computer software is currently installed including the VAX VMS Operating System containing all of the major programming languages together with numerous other software utilities, routines, programs and on-line HELP. The major purpose of the ACC is to support and service the academic requirements of the faculty and students.

All users must obtain an Account in order to access the system. Accounts consist of a username and a password and are automatically assigned to registered day school students in most cases.

Further information is available in the offices on the first floor of Olsen Hall.

## Women's Support Group

On Tues. evenings there will be a support group for women open to commuter and residence hall students. The groups will be starting on Tues., Sept. 12th, and will be open to new members for the first two weeks. We meet in the recreation room in the basement of Concordia Hall from 6:30 to 7:30 p.m. Meetings focus around topics of interest to women in the group and will be confidential. Plan to join us in the fall, it is a great opportunity to get to know other students, to share interests and concerns, and to get support, and feel more connected to others at the university. For more information, call Chris at Counseling Center, ext. 2390, or Imogene at Campus Ministry, 454-0683.

**Next Semester**  
**have some fun**  
**join a club!**

## Hazing Law

What follows is the actual Massachusetts Law prohibiting the practice of hazing. Please read carefully.

As required, every student is to receive a copy of this law. The I.D. Security Card, which you sign, acknowledges that you have received what follows.

Act Prohibiting the Practice of Hazing

Chapter 269 of the General Laws as Amended January 5, 1988: Section 17.

Whoever is a principal organizer or participant in the crime of hazing, as defined herein, shall be punished by a fine of not more than three thousand dollars or by imprisonment in a house of correction for not more than one year, or both such fine and imprisonment.

The term "hazing" as used in this section and in sections eighteen and nineteen, shall mean any conduct or method of initiation into any student organization, whether on public or private property, which wilfully or recklessly

endangers the physical or mental health of any student or other person. Such conduct shall include whipping, beating, branding, forced calisthenics, exposure to the weather, forced consumption of any food, liquor, beverage, drug or other substance, or any other brutal treatment or forced physical activity which is likely to adversely affect the physical health or safety of any such student or other person, or which subjects such student or other person to extreme mental stress, including extended deprivation of sleep or rest or extended isolation.

Notwithstanding any other provisions of this section to the contrary, consent shall not be available as a defense to any prosecution under this action.

Section 18

Whoever knows that another person is the victim of hazing as defined in section seventeen and is at the scene of such crime shall, to the extent that such person can do so without danger or peril to

himself or others, report such crime to an appropriate law enforcement official as soon as reasonably practicable. Whoever fails to report such crime shall be punished by a fine of not more than one thousand dollars.

Section 19.

Each institution of secondary education and each public and private institution of post secondary education shall issue to every student group, student team or student organization which is part of such institution or is recognized by the institution to exist as an unaffiliated student group, student team or student organization, a copy of this section and sections seventeen and eighteen; provided however, that an institution's compliance with this section's requirements that an institution issue copies of this section and sections seventeen and eighteen to unaffiliated student groups, teams or organizations shall not constitute evidence of the institution's recognition or endorsement of said unaffiliated stu-

dent groups, team or organizations.

Each such group, team or organization shall distribute a copy of this section and sections seventeen and eighteen to each of its members, plebes, pledges or applicants for membership. It shall be the duty of each such group, team or organization, acting through its designated officer, to deliver annually, to the institution an attested acknowledgement stating that such group, team or organization has received a copy of this section and said sections seventeen and eighteen, that each of its members, plebes, pledges, or applicants has received a copy of sections seventeen and eighteen, and that such group, team or organization understands an agrees to comply with the provisions of this section and sections seventeen and eighteen.

Each institution of secondary education and each public or private institution of post secondary education shall file, at least

annually, a report with the regents of higher education and in the case of secondary institutions, the board of education, certifying that such institution has complied with its responsibility to inform student groups, teams or organizations and to notify each full time student enrolled by it of the provisions of this section and sections seventeen and eighteen and also certifying that said institution has adopted a disciplinary policy with regard to the organizer and participants of hazing, and that such policy has been set forth with appropriate emphasis in the student handbook or similar means of communicating the institution's policies to its students. The board of regents and, in the case of secondary institutions, the board of education shall promulgate regulations governing the content and frequency of such reports, and shall forthwith report to the attorney general any such institution which fails to make such report.



# Respect for all — Success for all College of Music

Respect for all — Success for all  
A commitment to an academic community based on the pursuit of academic and personal success and mutual respect

All students admitted to the University of Lowell have met the requirements for admission to the programs in which they are enrolled. We are confident of your individual ability to choose and successfully complete your academic program. Your individual success is dependent on two things, your willingness and determination to do the necessary academic work, and the support and encouragement of this academic community-faculty, professional staff, administration and your fellow students.

It is the University's educational and human commitment that each and every student shall have the opportunity to succeed and excel. Beyond the provision of direct support services of many

kinds to assist students in their pursuit and development of personal and academic excellence, the University is committed to developing a living and learning environment where caring about each other's individual personal and academic success is promoted, where mutual encouragement and assistance is valued, and where the unique gifts and qualities of every person are prized. Our community is made up of people from many cultures and backgrounds, and we value the richness of that diversity.

In such a community, where the success of every person is highly esteemed, it is our belief that any behavior that may interfere with the pursuit of personal or academic success by any other person has no place.

Specifically, this means that racism, sexism, sexual exploitation, harassment of any kind, violence, discrimination of any

kind, and any other behavior, whether subtle or blatant, that does not reflect respect for the rights, individuality, personal welfare, and human dignity of every person has no place in this community. Any behavior or action that jeopardizes the physical or emotional health of another, or that interferes with any individual's pursuit of academic success has no place in this community. Any person engaging in such behavior does not belong in an intelligent community of scholars.

You deserve every opportunity for success. In order to accomplish this you have the right to expect no interference with your personal and educational success from any other person in this community. As you expect that from others, so you have the obligation to give it to others.

Respect for each-success for all.

The College of Music has doubled its enrollment in barely four years and become the largest state-supported music school in New England. Now at 464 majors, the College has increasingly become visible and competitive both within and beyond New England.

Successfully completing a visitation by its accrediting agency, the National Association of Schools of Music, the College received Final Listing approval for its newer programs in Sound Recording Technology, Music Business, Jazz Studies, and its graduate program in Conducting.

The College sponsors many activities and gives over 100 public recitals and concerts each year.

Two of the more visible aspects

of the College frequently involving both non-majors and majors in music are the University of Lowell Marching Band and the Choral Union. Both performing ensembles are open for student participation and invite interested students to audition.

The College of Music offers the Bachelor of Music degree in Performance with emphasis available in music business, sound recording technology, and jazz studies and the BM degree in music history, composition, and music education. For students interested in majoring in music in the context of the liberal arts, the College offers the Bachelor of Arts degree with a major in music.

## College of Pure and Applied Science

The College of Pure and Applied Science provides high quality education in the sciences at all levels including the B.S., M.S. and Ph.D. degrees which have been conferred at every Commencement Exercise since the inception of the University in 1975. In recent years, the College has expanded the research efforts in its undergraduate and graduate programs to provide its students with unique educational experiences in the understanding of natural phenomena. The College is well-attuned to the scientific and technological needs of the region's industrial sector and offers programs which produce graduates who are in high demand not only by the region's industries, but also by those in New England and the nation as well.

The Biology Department offers both the Bachelor of Science and Master of Science degrees in Biological Sciences with an option in Biotechnology which

forges ties with Chemical Engineering, Biochemistry and Health Professions. Notable student projects have investigated subjects related to heart disease and genetic engineering.

The Chemistry Department offers Bachelor of Science, Master of Science and Doctor of Philosophy programs approved by the American Chemical Society. Opportunities in this department include options in polymer science, biochemistry, analytical, organic, physical and inorganic chemistry with notable student projects in new polymeric materials, new analytical methods and metabolism of living systems.

The Computer Science Department, which has the largest student enrollment of the College, offers the Bachelor of Science, Master of Science and Doctor of Science degrees. Students utilize state-of-the-art equipment in their studies and investigate topics such

Continued to page 10

## ALL NEW INTERNATIONAL STUDENTS

All new international students must report to the Office of University Life within 15 days of the first day of classes. New regulations set by Immigration which involve transfer students, practical training and passport validity make it mandatory that international students follow this procedure.

Office hours for international students are on Tuesdays and Thursdays from 10:00 AM and 12:00. If you have a conflict with these hours please contact Mrs. Coughlin in the Office of University Life.

Any international student who does not adhere to this procedure will have his/her registration cancelled.

Please bring passport, I-94, yellow I.D. card and I-20 from the University of Lowell.



### ZENITH INNOVATES AGAIN-

**SUPERSPORT 286™**

AND AGAIN—WITH THE WORLD'S NUMBER ONE SELLING 286 BATTERY-POWERED PORTABLE

AT desktop performance wherever business takes you. That's what our customers asked for. And that's what they got with SupersPort 286™. It lets you tackle huge files, spreadsheets and databases anywhere you go. You also get Zenith's Intelligent Power Management System™, which lets you control battery life for over four hours of non-stop computing. Plus a dazzling backlit LCD screen with one of the widest viewing angles of any portable...for superior readability in virtually all lighting conditions. Rounding out our family of laptops is the lightweight SupersPort™ for those who require optimum flexibility. And the revolutionary TurboPort 386™—the first battery-powered portable to offer a brilliant Page White display, a detachable keyboard and full Intel386™ desktop performance.

**The Zenith Data Systems Z-386 Super-Advanced PC**

AND AGAIN—WITH TODAY'S LEADING HIGH PERFORMANCE AT DESKTOPS

When our more demanding customers requested greater speed and faster memory access, we responded again with the Z-386/25 and Z-386/33. These two powerhouse desktops give you the ultimate in multitasking, multi-user, file serving and CAD/CAM/CAE capabilities...extending Intel386 performance beyond the limits of other leading 25MHz and 33MHz systems.

But that's what you'd expect from the same company that brought you the Z-386/16—the first AT-compatible desktop to introduce zero wait states, cache memory and "slushware". And the first to ship MS-DOS 2.1™ for multi-tasking operations.

Together with the low-profile Z-386 LP and the high-powered Z-248/12, our Z-386 PC series completes a family of AT desktops second to none. For all the ways our customers work.



**FOR MORE INFORMATION PLEASE CONTACT:**

**ZENITH data systems**

**(508) 250-1940**

## The Freshman Center welcomes the Class of 1993!



## College of Engineering

Forty percent of the University of Lowell consists of Engineering students. There are 4,000 undergraduate students attending day and night school combined and a total of 1,200 graduate students.

There are approximately 119 full-time day faculty members. The evening faculty is staffed by day faculty and by engineers from the surrounding companies.

Degrees ranging from the usual Bachelor of Science to Doctorate can be obtained from the College of Engineering at ULowell. The Doctorate degrees are in the fields

of Electrical Engineering, Mechanical Engineering, and Plastics Engineering.

All of the University's Engineering departments are accredited. All Engineering schools have to meet certain standards to become accredited, that way all their graduating engineers have been prepared in the same fashion and meet exacting standards.

ULowell's Engineering department has 'virtually' one hundred percent placement.

Once engineers get out "into the world," their communication

Continued to page 17



## Catholic Center



The Catholic Center at the University of Lowell is the "Catholic Church" for the ULowell Community. It is located near the North campus, about three blocks down from the intersection of University Avenue and the VFW Highway that runs alongside the Merrimack River. It is a large blue house with a ULOWELL CATHOLIC CENTER sign out front. In addition to office space for the Catholic Campus Ministers, it contains a Chapel that is open daily for prayer and meditation.

Father Paul Garrity is a Catholic priest who works full time at the University of Lowell as a Chaplain, Campus Minister and Director of the University of Lowell Catholic Center. Sister Gail Lambert is a religious woman who will be joining the Center in September to replace Mrs. Pat Davison who has served the ULowell Community as a campus minister for the past three years. The Catholic Campus Ministers also have an office in Fox Towers, Room 608A with office hours posted on the door.

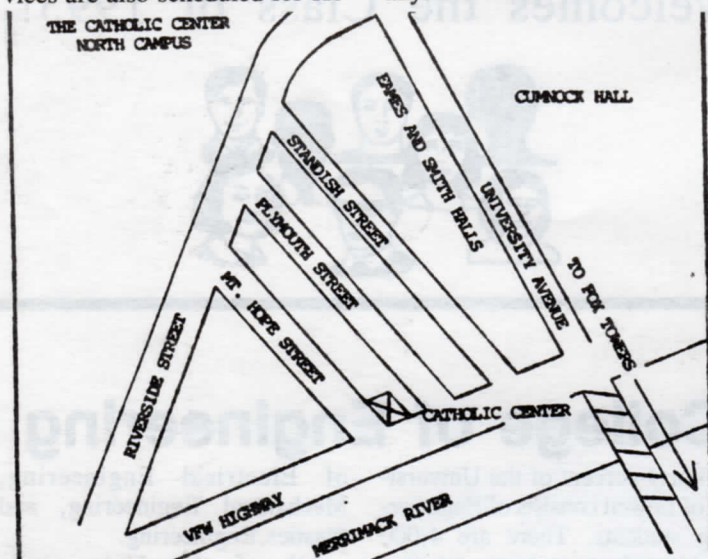
The Catholic Center functions as a College Parish by offering a wide range of services and opportunities to students, faculty and staff at the University. Mass is celebrated each Sunday evening at 3 locations: 6:00 p.m. at the Catholic Center, 7:30 p.m. at Concordia on South Campus and 9:00 p.m. at Fox Towers 301 on North Campus. Weekday masses are celebrated at the Center on Tuesdays, Wednesdays and Thursdays as posted. Special services are also scheduled for Holy

Days and significant occasions throughout the year. The Sacrament of Reconciliation is also available anytime or by appointment.

In addition to religious services, the Catholic Center runs an annual outreach trip to Appalachia during the Christmas break, a Fall and a Spring Retreat Weekend to Cape Cod and bi-weekly spaghetti suppers at the Center to help people get to know each other and to make new friends. The Center is involved in a number of community service projects throughout the year including a Eucharistic Ministry at Lowell General Hospital, volunteer opportunities at the House of Hope Family Shelter and the annual OXFAM program on world hunger.

The Catholic Center offers counseling, spiritual direction and willing ears to listen when listening is all that's wanted. Students are invited to discover at the Catholic Center a non-judgemental atmosphere regardless of the agenda in which to process personal problems, new challenges and happy events. The center also sponsors several support groups for Adult Children of Alcoholics.

The Catholic Center puts out a weekly NEWSLETTER to several hundred students about upcoming events and activities. These are delivered through the Student Mail Boxes. For more information about the Catholic Center and to be included on the NEWSLETTER list, please give a call or stop by the Center anytime 454-0151.



## Protestant Ministry

To a newcomer, the University of Lowell can be a confusing, challenging, frustrating, fun, overwhelming, lonely, rewarding, wonderful place to be. Sometimes it helps to know that there is some place to go to talk about such feelings and to share experiences. The University of Lowell Protestant Ministry provides one such place.

The ULowell Protestant Ministry is a coalition of local churches and denominations formed to provide a Protestant Christian presence for the ULowell campus.

The program includes: weekly Protestant worship services (held at 6:00 p.m. on Sunday evenings in Fox Hall, Room 301); monthly

suppers (beginning in October) provided by members of local churches following the worship service the first Sunday of the month; regular newsletters; study series; retreats and quiet days; pastoral care and counseling; support groups; resources for students; opportunities for community outreach (such as singing at a local residence for the elderly); participation in peace and justice issues; information for students and parents on religious cults.

The ULowell Protestant Ministry works closely with university personnel around common interests and shared areas of concern. As a member of the ULowell Campus Ministry Association, the Protestant Ministry functions jointly with the other recognized campus ministries to address the needs of the university community.

Tentative plans call for a Protestant service of worship to be held on Sunday, September 3, 1989, at 9:00 a.m., in Fox 608B.

The protestant campus minister-the Rev. Imogene Stulken-works out of an office in Fox Hall, Room 608B. The phone number is (508) 454-0683.

Welcome, new students! Have a super year!



## Student Government—working for you!

The Student Government Association is elected by the students, and works for the students to improve all aspects of life at the university.

The Student Government consists of seven (7) senators elected from each class annually. The Executive Board oversees and coordinates the efforts of senate through various sub-committees. The Executive Board consists of the President, Vice President, Treasurer, Secretary, Activities Commission Director and the Student Trustee, all of whom are elected from the student body.

The Activities Commission is a major committee of senate which is responsible for promoting activities on campus, such as concerts, dances, and comedy nights. In addition, each year the Activities Commission plans Spring Carnival, ULowell's end of the year party.

The Student Union Board of Directors is the senate committee responsible for overseeing the Student Union Buildings and areas on campus. S.U.B.O.D. works to improve the Unions and ensure they are an active area of the University community.

The Student Services Committee is actively involved in providing and improving various services to the student body.

The University Affairs Com-

mittee is responsible for reviewing all University policy and representing the concerns of individual students to the Administration.

The Public Relations Committee is responsible for promoting awareness of S.G.A. activities to the students, administration, and the general community. Also, the P.R. Committee is responsible for all community programs which the S.G.A. is involved in.

The Finance Committee is responsible for administering the Student Government Budget. They also develop and present the annual S.G.A. budget.

The Governance Committee is responsible for overseeing the internal affairs of Senate, including annual elections and reviewing club constitutions.

Student Court is the Judicial Branch of Student Government which ensures that the S.G.A. and all clubs on campus are operating properly within their constitutional bounds.

In addition, the Bookstore has five (5) student representatives who voice the concerns of the students to the Bookstore Associates. Each class elects one representative and the student body elects one representative at-large.

The Student Trustee is elected by the students to represent and

voice the interests of the student body to the Board of Trustees' at the University.

As you have seen, the S.G.A. is quite diverse and has a voice in almost every area of the University. The S.G.A. can have a direct and powerful impact on the continued development of the University if it is an active group which is concerned about the University.

This all depends on you, the student. Through your participation, the S.G.A. can continue to be an important group which works on improving all aspects of life here at the University of Lowell.

Take the time and initiative to become active and involved here at ULowell, join Student Government. Please feel free to come by the S.G.A. Office which is located on the fourth floor of the Fox Student Union (Fox Towers), or call us at University ext. 2494. We are here to help all students, so if you have a problem, feel free to ask any member of S.G.A. for help. Thank you and I hope to see you become a part of Student Government here at the University.

Thomas Winston

Class of '91

Student Government President

## Pure & Applied Science

\*from page 9

as graphics, artificial intelligence and robotics. Many of these students work on interdisciplinary projects in conjunction with the University's Center for Productivity Enhancement which features a team approach to the solution of fundamental problems.

The Meteorology option of the Earth Sciences Department is very attuned to the needs of socie-

ty. Currently, a weather station is in operation where the students daily determine the weather forecast. ULowell is the only college or university in Massachusetts offering a Bachelor of Science in Meteorology and it is one of only two in all of New England. The College is hoping to attain a graduate program in this discipline. Other options in the department include Geology and

Environmental Science.

The largest department in the University is the Department of Mathematics. The department now offers the Bachelor of Science and Master of Science with plans to initiate a Doctor of Science Program. A student may major in Pure Mathematics or choose options in Statistics and Applied Mathematics, both of which contribute to an Actuarial Science background. A five year

BS/MS program is also offered. Students who have completed this program will be graduated from ULowell with both a BS and an MS degree in Mathematics in their chosen option.

The Physics Department offers degree programs at the Bachelor's Master's and doctoral levels with options in optics, applied physics and mechanics, energy, and radiation science. The College maintains the Energy

Center which includes a nuclear reactor and particle accelerator for research and teaching purposes.

In summary, Dean Arthur Waterson states that, "The student in the sciences will receive a fundamentally sound education with the opportunity to participate in unique projects which will provide the basis for a lifetime of intellectual inquiry into the sciences."



## Financial Aid

Eligibility for financial aid is established by filing the Financial Aid Form (FAF) with the College Scholarship Service in New Jersey. This is a MUST for all students who wish to be considered for financial assistance.

All applicants for financial aid must submit the following tax forms to the Financial Aid Office:

- A. A signed copy of your parents Federal Income Tax form 1040, or 1040A, or 1040EZ tax return for the year 1988.
- B. Your Federal Income Tax Form 1040 or 1040A, or 1040EZ tax return, signed.
- C. Independent students must submit their Federal Tax Return and if married and filing separately a copy of their spouse's return.

The Financial Aid office is located on the third floor of the Student Union Building, South Campus. Students are encouraged to visit the office with any questions or problems they may have regarding financial aid: what it consists of - how to apply - what are the deadlines - how are your awards handled - when are payments made. The office is open from 8:30 a.m. until 5:00 p.m. on a year round basis.

Working under the direction of Walter A. Costello, Director of Financial Aid, and his assistant, Judy L. Keyes, we have a well-trained staff who are available for advising and counseling.

Since financial aid consists of scholarships, loans, grants, work-study and off-campus employment, the following staff members are available to discuss the indicated programs.

**PELL GRANTS** - Mr. Raymond LeLacheur is the contact person for this program. Pell Grants provide money to help undergraduates pay for their education after High School. This is the largest Federal Student Aid Grant Program, and is the foundation on which financial aid from other sources may be added. **ALL STUDENTS WHO APPLY FOR FINANCIAL AID, EXCEPT THOSE WHO HAVE EARNED A BACCALAUREATE DEGREE MUST APPLY FOR THE PELL GRANT.**

**LOANS** - The Loan programs consist of Stafford Student Loans (Bank Loans), plus Loans (Parent's Loans) Perkins Loan. The following is a brief description of the programs:

### \*IMPORTANT\*

To all 1989-90 Stafford Student Loan Applicants

All Stafford Student Loan applications must be accompanied by the following:

The Federal 1040, 1040A, 1040EZ tax return for the year 1987. The tax return must be a signed photocopy. Dependent students submit the Federal Tax Return for both you and your parents. Independent students submit the Federal tax return for you and your spouse, (if applicable).

Any further questions may be directed to the Student Loan Office, which is located on the third floor SUB South, or call 452-5000 extension 2411.

Low interest loans are available

Perkins Loans are low-interest loans in amounts of up to \$2,000.00 per academic year and are available to all students who prove financial need. The interest rate is currently five percent (this rate is subject to change in the Federal Regulations). Interest accrual and repayment begin nine months after graduation, with a repayment period of up to ten years, (depending upon the aggregate amount of loans).

To be considered for a Perkins Loan you must first file a Financial Aid Form (FAF) with the College Scholarship Service and apply for a PELL Grant. The FAF and the Perkins Loan applications are both available in the Financial Aid Office, SUB South, Rm. 350. A copy of the student's and the parents' 1987 Tax Return must be on file in the Financial Aid Office.

Any further questions may be directed to the Student Loan Office, or call 452-5000 extension 2411.

### Supplemental Education Opportunity Grant:

Supplemental Grants provide assistance to students of exceptional financial need, awarded in conjunction with other forms of financial aid. These grants are for those students who would not be able to consider a college education without attendant indebtedness which would seriously impair future careers.

**College Work Study** - Please see Ms. Germain Martin for information on this program. The College Work Study Program (CWSP) is funded by the federal government and is administered through the Financial Aid Office. Any student showing financial need may be eligible for a College Work Study position.

All jobs are on campus and involve working approximately ten to fifteen hours per week during the academic year. The student receives a weekly paycheck to help meet their educational expenses. College Work Study students are paid at an hourly wage above the minimum. This program is also used to provide full-time summer employment for University of Lowell students.

Students are placed in various positions throughout the University. Job duties range from clerical, office work and library assistance to maintenance both in and out of doors, to name a few.

**Job Locator and Development Program** - The Student Employment Office is part of the Financial Aid office but it is also open to non-financial aid students as well as financial aid recipients. This referral service, called the Job Locator and Development Program (JLD) is available to all University of Lowell students seeking employment, regardless of student's financial status.

JLD functions to locate job opportunities with business and industry in Lowell and surrounding areas. The office posts part-time and full-time summer employment and is designed to refer qualified students to employers.

Interested ULowell students should come to the Student Employment Office and complete an initial registration form which requests pertinent information such as work experience, special skills, and desired employment.

After a student has completed a registration form, he or she may check the job board located outside the Student Employment Office for current job openings. The job postings are each assigned a number and include a brief description of the position, pay rate and general location of the job.

A student interested in a particular listing records the job number as posted and then meets with the Student Employment coordinator to discuss his or her qualifications for the position. If the student is qualified, a referral card is written which introduces the student to the employer. It is the student's responsibility to then contact the employer to arrange an interview.

The Employer then sends the referral card back to the student Employment Office with information as to whether or not the student was hired. By doing so, an accurate hire figure can be reported and jobs posted can be kept updated.

If you are interested in securing a job either on campus (CWSP) or off campus (JLD) you should contact the Financial Aid Office for more information.

**Scholarships** - All the scholarships which originate from or through the University are coordinated by the Financial Aid Office. All students who qualify are reviewed for scholarships. These consist of Departmental, Board of Regents, Alumni, Commonwealth, City of Lowell. The only exception are private scholarships (those which the student receives as a result of his/her own initiative from private sources) which are handled by the Business Office.

**General** - Financial Aid Forms (MFAF's) - Massachusetts Financial Aid Forms for Massachusetts residents only should be filed as soon as possible and the College Scholarship Service (located in New Jersey) prefers/requires that students submit financial information based on the figures which appear on the parents' 1040 forms, since figures on the Financial Aid Form and those on the 1040's must be verified before financial aid awards are made.

Massachusetts residents MUST have the MFAF completed and submitted to the College Scholarship Service in New Jersey before May 1 in order to be considered for the State of Mass. Board of Regents Scholarship program. Students who do not meet this deadline are considered "late filers".

The University requires that all paperwork be completed and in the Financial Aid office no later than May 15 of the academic year beginning in September of that year. This deadline must be respected if students expect financial aid awards to be processed in a timely fashion.

Again, the Financial Aid office is here to serve the students. Should you have any questions or extenuating circumstances which could best be resolved by a personal interview, stop in at the office. In most instances they can be resolved by the staff.

Should the problem be more involved, an appointment can be made to discuss the situation in greater detail.

# The Computer Store Welcomes All Incoming Freshman!

## Order A Macintosh This Summer By July 31, Pick It Up When You Get Back This Fall

Macintosh  
Plus  
\$932.00 +  
Tax

Macintosh SE  
w/Standard  
Keyboard  
\$1677.00 + Tax

Macintosh SE  
HD20  
w/Standard  
Keyboard  
\$2005.00 + Tax

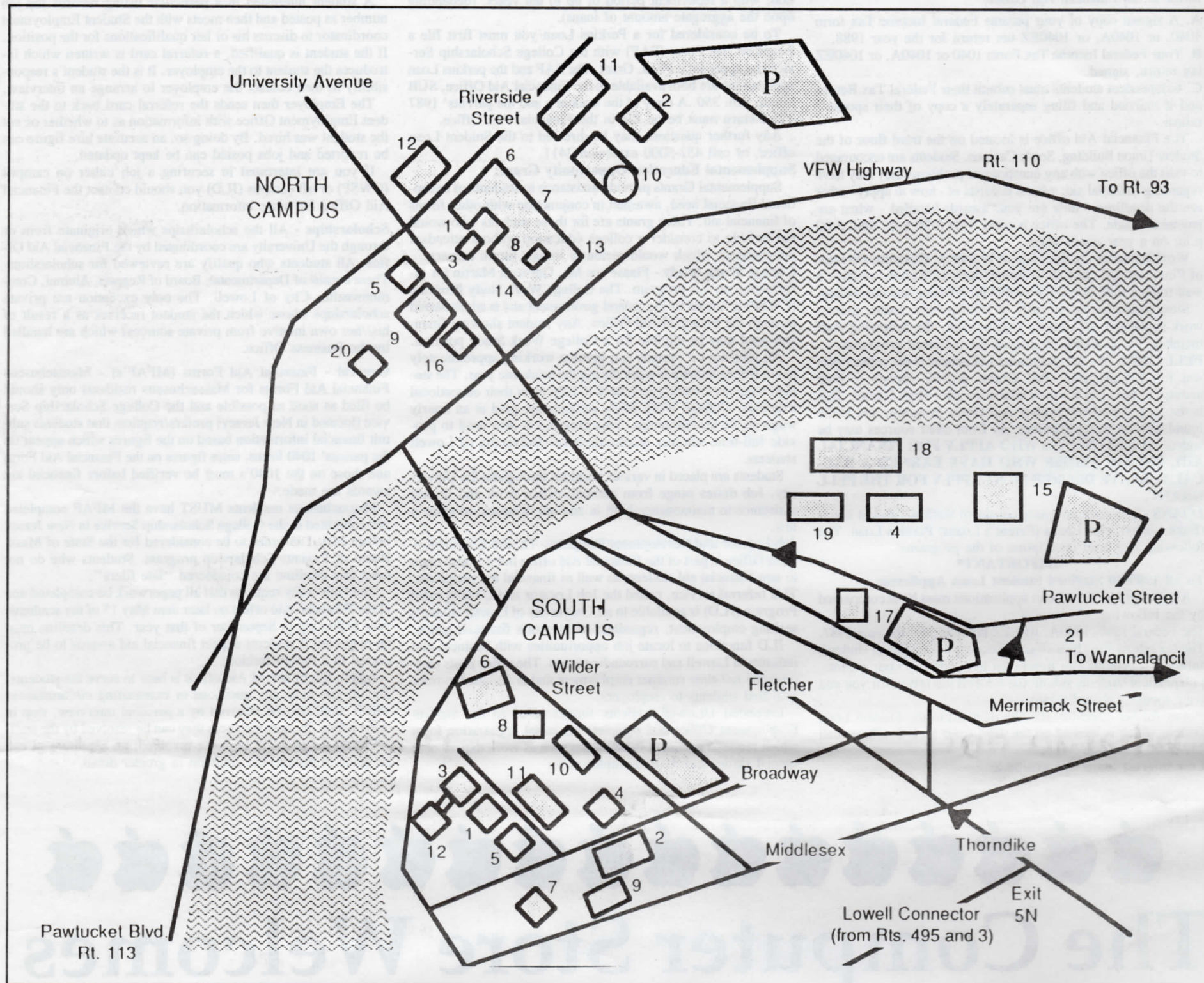
Macintosh  
SE/30  
w/Standard  
Keyboard  
\$3058.00 + Tax

For more information contact the North Campus Bookstore at  
(508) 454-1331





# University of Lowell Lowell, Massachusetts 01854



## NORTH CAMPUS

1. Ball Hall
2. Costello Gym
3. Cumnock Hall
4. Bourgeois Hall
5. Eames Hall
6. Engineering
7. Falmouth
8. Kitson
9. Alumni Library
10. Pinanski
11. Olney
12. Olsen
13. Pasteur
14. Southwick Hall
15. Research Foundation
16. Smith Hall
17. Fox Hall/Student Union
18. North Hall
19. Leitch Hall
20. Health Service
21. Wannalancit
- P Parking

## SOUTH CAMPUS

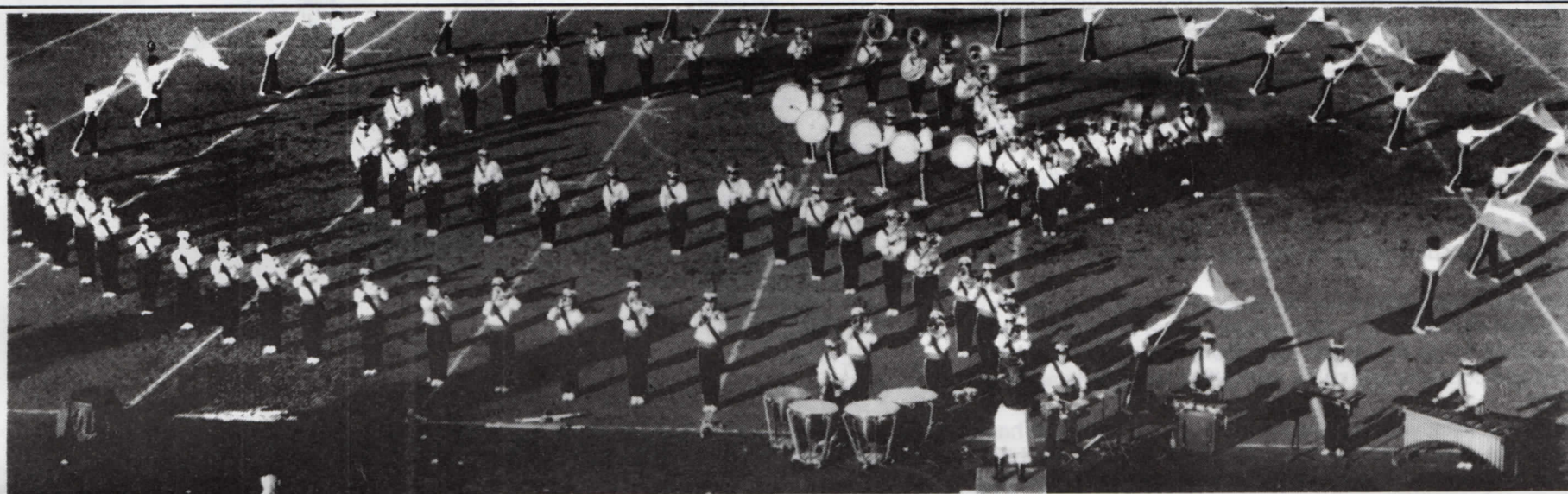
1. Allen
2. Coburn
3. Concordia Hall
4. Dining Hall
5. Dugan
6. Durgin
7. Mahoney
8. O'Leary Library
9. Power Plant
10. McGauvran SUB
11. Weed
12. South Hall
- P Parking

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**LOWELL  
UNIVERSITY**



# The University of Lowell Marching Chiefs



## Ambassador of the University

The University of Lowell Marching Band forms an integral part of the musical and athletic aspects of campus life, drawing members from virtually every department

in the university. Under the direction of Dan Lutz, the Marching Chiefs perform at competitions, parades and football halftime shows.

Each year new musical

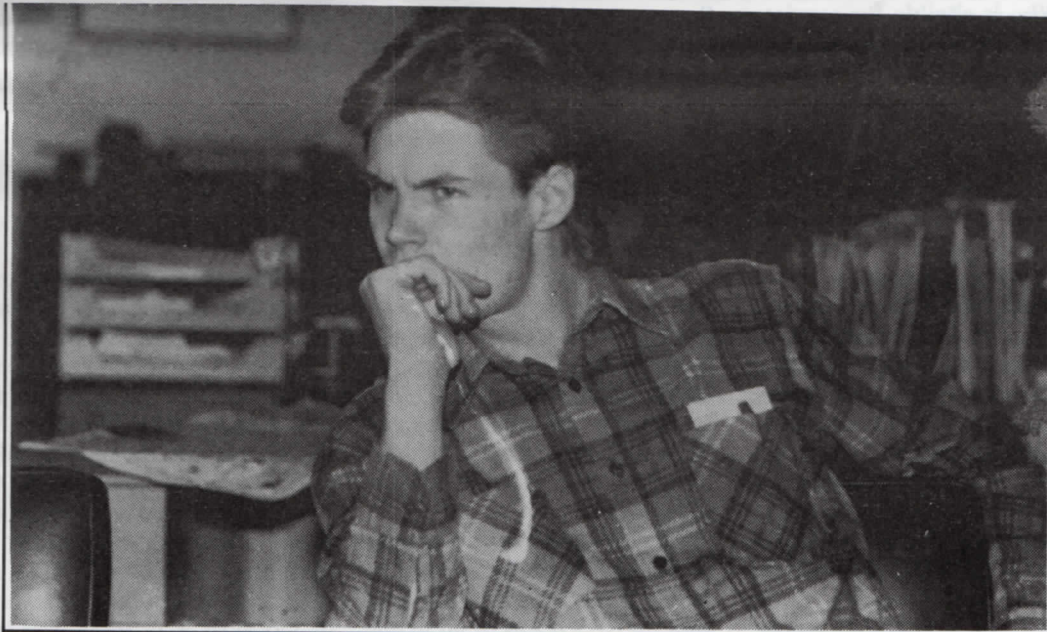
selections are drawn from the classics, jazz, rock and popular idioms, with original drills for the band. The Color Guard section, also open to all students in the university, completes

the visual presentation of the band's program.

If you are interested in joining the Marching Chiefs, send your name, address and phone number (home & school) to: the

University of Lowell Marching Band, College of Music. Make new friends, travel, earn university credit, and a gym waiver! Become a part of "The Class of New England!"

## What to do?



I don't know, I don't know, I don't... Wait! I'll join the Connector. Oh, I'm already a member. And you can join, too.

## The Freshman Center TUTORS ARE BACK!

*If you need help in Pre-Calc, Calculus, Physics, Chemistry or College Writing, come by the FRESHMAN CENTER and pick up a schedule... you'll be glad you did!*

North Campus  
Southwick 314  
ext.2936

South Campus  
Basement of  
McGauvran Student  
Union  
ext.2949

## Physical Education Requirements

All students must satisfy the two credit requirement in Physical Education to graduate. In order to satisfy requirements students can take both courses and/or take challenging exams in certain lifetime sports areas. Students challenging a sport and passing the exam will receive 1 credit.

The areas in which a student can challenge are the following department lifetime sports: Archery, Badminton, Bowling, Golf, Individual Sports area (Handball, Racquetball, or Squash), Weight Training, Tennis and Swimming.

Students who are interested in taking departmental examinations may obtain applications for such

examinations from the Registrar's Office at any time during the fall and spring semester. Students must apply and take the exam before the end of classes of the semester.

Applications are filed with the approval by the student's advisor, his/her major department chairperson, the chairperson of the department which the exam is to be administered, and the faculty examiner.

Students may not repeat an exam except for documented medical reasons or personal emergencies. Students may not challenge a sport for which they have previously received credit.

Students still must attain 2 physical education credits. The

only exceptions to this are the following:

Students who successfully participate in varsity athletics; students who are veterans; R.O.T.C. students or students in the national guard who have successfully completed summer field training; students in marching band; students physically unable to participate in supervised activity. See specific notes in the *Schedule of Classes Book* at the end of the Physical Education Course offerings for specific details.

All students, regardless of age are subject to fulfilling physical education requirement, except as noted above.

There is a course offered by the

University Physical Education department called ADVANCED MOTOR SKILLS: it is worth 2 credits. The course will be offered first and fourth quarters, beginning in September, and the students passing this course will complete their physical education requirement at once.

The course is comprised of five areas.

The AEROBIC component consists of a one mile outdoor track run. Males would have to complete the mile under 7 minutes, and females under 9 minutes.

The AQUATIC component would include the students entering the water with a shallow racing dive and swim the length of

the pool (25 yards) in good form using the American crawl.

The STRENGTH component includes students bench pressing one full extension repetition of a Universal machine based on a specific ratio to their body weight.

The LIFETIME SPORT component includes students exhibiting high intermediate or above skill in one of the following lifetime sports: Bowling, Golf, Racquetball, or Tennis.

The ORAL part of the test includes students passing an oral question regarding their chosen lifetime sport.

Students must compete all sections successfully. No partial credit will be granted.



# Opinion

## THIS IS IT!

Bob Manning Editor-in-Chief

This is it. You are finally about to enter college. It seemed as if this day would never come. For many of you it is a relief, for others, a nightmare.

Right now you are being overwhelmed with information about the University of Lowell and the residence halls etc. I will try not to bore you any more.

What I will do is offer some advice. My only advice to anyone entering the university is to get involved. You have probably heard that one thousand times by now too. I won't just preach, I will tell it like it is.

This school, like many others, can be a cold, unfriendly place. Your roommate may be an unsocial slob, all your friends may go home on the weekends. The fact is, this place could be very boring and very unlikeable for the four years, or more, that you may be here.

Now that I have thoroughly depressed you, there is another side to that dark scenario. This school can be a fun place, with more things to do in a week than there are days. There are events and concerts and clubs and rallies and sports and parties too.

No matter what your background is, no matter what you have done or not done in the past is irrelevant now. You are here, and no matter what your interests may be, there is something for you to participate in here at the University of Lowell. Do you want to learn how to hang glide? There is a club. Want to ride your bike around the city? There is a bicycle club. The possibilities are endless, of course I am partial to the news paper.

While I'm on the subject, I will take the opportunity to put in a plug for ourselves too. The Connector will come out once a week, on Thursdays. You don't have to be an english major to join, or want to be a writer. In fact, you don't ever have to write a thing to be a staff member. The newspaper is a business, and it is run like one. If you want to learn how to run a business, this is an excellent chance for you to get valuable experience. We have an advertising department that generates over \$100,000 per year in gross advertising. We have photography, and we supply the camera. All of this is run by students, just like yourselves.

The fact of the matter is, the more involved you become here at school the more you will enjoy your time here. There really is something for everyone. These next years can be the best of your life. But no one will make them the best for you, you have to do it yourself.

So, get involved and good luck!

The opinion page of the **Connector** is generally a forum for all students, faculty, and administrators to voice their opinion on various subjects. In the past we have published everything from anti-abortion pieces to communist propaganda and everything in between. If you ever feel compelled to write a letter please do. Just mark it "Letter to the Editor" and drop it off at Fox 426.



## Student Health Services

Welcome! The Student Health Service Staff hope you find your studies productive and rewarding. Much of your education however, will be outside the classrooms as you learn about yourself, your health and your environment. For many, it will be the first time to make decisions on health matters; such as whether to self treat or see a health care provider for an illness. The Health staff will be available to help you make your decision or provide medical and/or nursing assistance.

The following information is given to assist you in knowing your Student Health Services.

- Who is eligible for service:** All undergraduate and graduate students.
- Are there any Health Service Requirements:** Yes. All students, as part of the condition of admission, are required to have on file, a completed medical history and physical exam form, evidence of a Mantoux Tuberculin test, and evidence of completed up-to date immunizations.
- What is the result of failing to file required health forms:** Failure to file health forms can interrupt your care and education. M.G.L. Chap. 73 requires that students file their up-date immunization record with the health school or be **suspended** until the requirement is complete. In the majority of colleges/university, failure to file all health forms, results in inability to use the Health Services, holding back grades and/or suspension.
- Where is the Student Health Service Located:** There are two S.H.S. offices. The North Campus office is located in the white house at 30 Standish Street, behind Alumni/Lydon Library. The South Campus office is located in the S.U.B., second floor across the elevator.

- Who Staffs the Health Service:** Each office has a full time Registered Nurse. There are also two Nurse Practitioners who divide their time between both campuses. Physicians are available by appointment on the North Campus on Tuesday and Wednesday afternoons.
- The nurses are experienced in out-patient care and are able to handle most health problems. If necessary, however, they will refer patients to the physician or in more serious cases refer to one of the three local hospitals.
- What are the hours the SHS is opened:** The SHS is open from 8 a.m. to 4:30 p.m. Monday through Friday. Walk-in services are provided, however an appointment is required to see the physician or the GYN nurse practitioner.
- How do we receive medical attention after 4:30 p.m. and on weekends:** When the Health Service is closed and you need **EMERGENCY** medical treatment go to the hospital emergency room at St. Joseph Hospital, 220 Pawtucket Street 453-1761; St. John's Hospital, Hospital Drive 458-1411; Lowell General Hospital, 295 Varnum Avenue 937-6000.
- If you do not have an emergency but are ill you will have to decide if the condition can wait until the SHS opens or go to one of the Walk-In Clinics located in Lowell.
- What is the fee for Health Care:** There is no SHS fee and the care received on campus is free. However the student is responsible for any diagnostic test fees, prescription fees or fees for medical care received off campus.
- Does the school offer health insurance to students:** Yes. All students have **accident** insurance.

This policy covers student on or off campus, 24 hrs/day, 7 days a week, and is in effect from September 1 to August 31.

In addition health insurance is available and is optional.

Claim forms and/or application forms may be obtained at either SHS.

An insurance agent is available the last Friday of each month to assist with any problems.

- What type of services are offered at the SHS:** Services include allergy injections, blood pressure monitoring, family planning and gynecological service\*, Mantoux TB testing, treatment of episodic illness such as colds, sore throat, sprains, vaginitis etc., pregnancy testing, laboratory work (some are done on site, some are sent to off site labs for processing).
- \*Appointment needed. On North call ext. 2280. On South call ext. 2463.
- Does the SHS provide excuses for students who miss classes or exams:** We believe it is our responsibility to treat and advise students on measures to best care for their illnesses. As adults, it is then the responsibility of the student and professor to re-arrange dates to best meet both their needs. If, for medical reasons, a student will have to miss a block of time (one week or more) or is in some way incapacitated from performing his work, the Dean of Students will be notified. He in turn will notify your professors.
- Does the SHS handle referrals to specialists, dentist or ophthalmologists:** Yes, by calling or stopping by the Health Service you will be given the names of dentist and ophthalmologist in the community. For situations that cannot be handled by the SHS

Continued to page 16

## THE CONNECTOR

...is located in Room 426 of the North Campus Student Union Building, (Fox Hall)  
100 Pawtucket Street, Lowell, MA 01854. Tel: 453-1872

### EDITORIAL BOARD

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The Connector is the student newspaper of the University of Lowell. Published weekly during the school year, by and for the students of the University of Lowell and the University Community. The paper is typeset on an in-house Compugraphic MCS 100 Typesetting System and is printed at Charles River Publishing in Charlestown, MA.



# Student Services

## Personal counseling available Don't be afraid to be unsure

Now and then, everyone runs into a dilemma, a decision, or a personal question that is difficult to resolve. The college years, as a time of change and growth, may add to these situations. Students, whether commuting from home or living away, often find themselves on their own in a very new way. These new life experiences can give rise to feelings, questions, and concerns that are all a part of the normal growing process. Sometimes there are special crises that occur such as death, loss of an important relationship, a problem with drugs or alcohol, problems in relationships, or other matters. It's helpful to talk about these

whether it be with friends, family, or a trained professional. The Counseling and Career Development Center has a staff of professionally trained people who provide free and confidential counseling and consultation to students, faculty, and staff dealing with anxiety, depression, stress, sexuality, personal identity and direction and other issues. Our goal is to help you solve problems, reduce the sources of stress which may interfere with your own intellectual and emotional growth, aid you in understanding yourself, enhance your growth as a person and help you take responsibility for developing your own life style.

Many students live with the mistaken belief that the only real or right way to go through college is to know what you want to do very early (preferably before you get here) and get it done in four years, and to know exactly what you want to do when you graduate. It's true that a small percentage of students do just that - but what about the rest? If you are unsure or undecided about your career plans, you are not alone. Did you know that recent national data shows that the average college graduate will change career direction five or more times after graduation? Being flexible and being able to adapt to changes or take new op-

portunities are important skills and qualities! Don't avoid learning them in college because of a mistaken belief that new questions or doubts somehow show that you "Don't have it all together". They can well mean that you are taking time to assess and plan so that you build a solid foundation for the career path you want to follow. Did you know that nationally only four out of every ten entering freshmen graduate from the same institution with a Bachelor's degree in four years? Many take five years at the same institution. Others drop out for a time and either return or transfer to another institution?

valuable skills to learn - you will use them for the rest of your life. Some students need some time out of college to reassess their plans. Unfortunately, some drop out when they do not need to. There are often ways to change plans while remaining in school. Talk with your advisor or a career counselor for assistance and guidance in refocusing your goals. Being uncertain and working constructively to resolve that uncertainty is a strength. So take a little time and don't make quick decisions you may later regret. And talk with someone who can help.

## Discover, Discover

The Counseling and Career Development Center invites you to meet Discover II, the latest addition to the resources at your Career Resource Center. Discover II is a computerized career exploration system that can help in education/career planning. Primarily, Discover can provide assistance in learning more

about: the career planning and decision-making process; information including your values, interests and skills; career information including descriptions of 463 occupations. Like any counseling tool, the feedback and recommendations which you receive from DISCOVER should be treated as

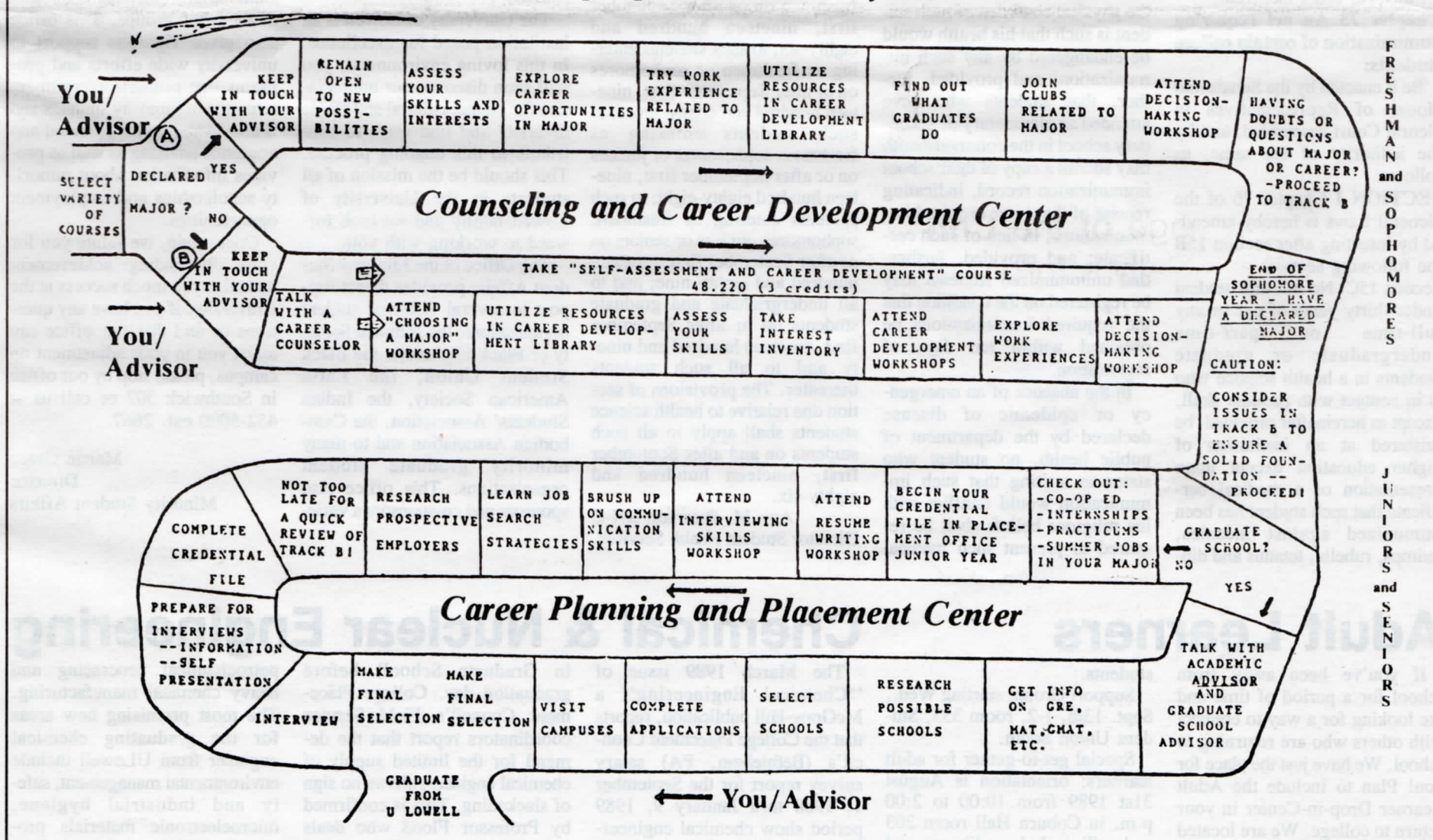
new information for your review and consideration. You may want to meet with a career counselor from the Counseling and Career Development Center in the Mary E. McGauvran Student Center, third floor on South Campus. Call 452-5000 ext. 2390 or drop in to see us in order to make an appointment to use Discover II.

One major reason for this (apart from financial) is that people's understanding of themselves or of the world of work often changes during college. Students discover new abilities, become fascinated with new areas of skills, or find that what they thought they wanted doesn't really suit them at all. Being able to stand back a little, reassess skills and interests, make new career decisions and act on them are



Career-Growing For You

## STRATEGIES: Keeping on track with your CAREER at U.LOWELL



## PUBLICATION POLICY

Deadline is 5:00 p.m. Monday in Fox 426. On Monday holidays deadline is 5:00 p.m. Friday.

The Connector considers for publication reviews, articles and commentaries on any topic of interest to members of the University of Lowell community. **Submission Guidelines:** The easiest way to submit long articles or letters is to enter them directly into our computer. Otherwise they must be typed double-space with equal margins.

Include your name and box number. A phone number is advised in case of questions. **Notices:** These should be short and informative: dates, places, meeting times, deadlines, etc. **Organizational Ads:** The Connector typesets display ads for university organizations sponsoring general events.

Handwritten fliers will be typeset and not directly reproduced. Repeat printings may be cut out and mounted on paper. **Comics:** Comics are published at the discretion of the comics editor. They must be drawn 4" x 10" in black ink. Do not use pencil. **Personals/Classifieds:** These must be typed on 3" x 5"

index cards. Limit 3 per week. The Connector reserves the right to edit for length. Any submission omitted solely for lack of space is automatically reconsidered the following week. **OFFICE HOURS** Monday-Wednesday 8:30 - 4:00, Thursday and Friday 8:30 - 2:00. Call anytime at 453-1872, or use university extension 2359.



## Clubs continued

•from page 7

### Society of Environmental Scientists

The purpose shall be to bring the problems of the environment to members for discussion and possible solutions and to promote an awareness of professional and volunteer opportunities in the environmental field.

### Society of Physics Students

The Society of Physics Students is an organization open to all students with interests in the field of physics. It promotes interaction between students, faculty of the physics department, industry, local businesses, and other schools through field trips to places of interest, and through guest speakers. The SPS organizes a yearly banquet at which a scholarship is presented to a student of the physics department. The SPS is also a member of the National Society of Physics Students.

### Society of Manufacturing Engineers (S.M.E.)

Offers an opportunity to meet with fellow students and professionals to hear about and discuss new ideas and information. In addition, S.M.E.'s publication, conferences, seminars, workshops etc., offer valuable educational experiences and help members stay at the leading edge of manufacturing engineering throughout your career.

### Society of Plastics Engineers

The purpose of the Society of Plastics Engineers is to unite the students, to inform them on different materials regarding the plastics industry and other industries, and to put a little fun into the students life.

### Sociology Club

Students who are interested in delving into social issues, interest groups, and political debates to increase knowledge and awareness.

### Sojourn (University of Lowell's Yearbook)

Produces the University of Lowell Yearbook. It is a great opportunity to learn or further develop skills in photography, B & W film developing, page layout, writing and much more. As well as providing a valuable service, it is also a fantastic way to meet new people and learn more about the University. No experience is necessary! All majors and grades welcome! You do not have to be a senior!

### Spanish Club

The purpose of this club is to further the understanding of the Spanish language and culture by meeting people from Latin America. It also provides a forum by which the members can converse in the Spanish language and gives an opportunity to those who wish to learn about a foreign language, its people and culture.

### Sports Car Club

Discuss current and old issues on engine modifications, suspension mods, defensive driving,

safer driving, to unite car oriented people here at the University of Lowell.

### Students Against Driving Drunk (S.A.D.D.)

This is an organization on campus whose purpose is to promote alcohol awareness, help eliminate the drunk driver, and save lives. Programs and activities include: awareness drivers, guest speakers, and community projects; new ideas are always welcome. More people are needed to make this club more active.

### Student Athletic Trainers

Designed to develop those students who are interested in sports and sportsmedicine. Students are involved in the prevention, treatment, evaluation and rehabilitation of injuries to university athletes.

### Student Government Association

The ULowell SGA shall act as the official representative of the full-time undergraduate students. Protects and promotes the social, academic, and cultural interests of the student body. Elections are held during the fall and spring semesters. Some of the committees within SGA include: Finance, Governance, Student Services, Public Relations/Community Affairs, Student Union Board of Directors and University Affairs.

### Student Nurse Association

Fosters closeness between nursing classes by allowing nursing students to meet together outside of the academic setting. In addition to monthly meetings, the club organizes nursing department functions as well as outside social activities such as barbecues, a semi-formal, t-shirt sales and other various fundraising activities. The Student Nurse Association is a great way to meet people, keep informed of nursing opportunities and have fun.

### Technical Services (see Audio Visual Society)

### ULowell Players

ULowell Players is a non-profit club that is open to all ULowell undergraduates, graduates, faculty, staff, alumni, and alumni of the club. All aspects of theater, acting, production, technical, etc., are covered.

### ULowell Ski Club

To promote and enhance the sport of alpine skiing at the University of Lowell. To stress the importance of skiing safety, etiquette, and physical fitness of alpine skiing. Also, to develop the technique of the individual skier.

### Vietnamese Students Association

Provides an on-campus support system for Vietnamese and other interested students. The membership benefits are cultural and social as well as academic. The association fosters a mutual exchange of tutorial help, sponsors a variety of activities such as musical performances, and organizes sports competitions with students attending other universities. Understandably, the preservation of the Vietnamese culture also ranks high among the group's priorities.

### WJUL Radio Station (see Audio Visual Society)

## Student Health Services

•from page 14

physician, referral to other physician will be made by the SHS staff. In such referrals the student assumes responsibility for all medical costs incurred.

### Chapter 73 An act requiring immunization of certain college students:

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

**SECTION I** Chapter 76 of the General Laws is hereby amended by inserting after section 15B the following section:

Section 15C. No full-time student under thirty years of age or any full-time or part-time undergraduate or graduate students in a health science who is in contact with patients shall, except as hereinafter provided, be reistered at an institution of higher education except upon presentation of a medical certificate that such student has been immunized against measles, mumps, rubella, tetanus and dip-

theria; provided, however, that a student may be registered at such institution upon certification made, in writing, by a physician who has personally examined such student and in whose opinion the physical condition of such student is such that his health would be endangered by any such immunization; and provided, further, that students who have attended an elementary or secondary school in the commonwealth may submit a copy of their school immunization record, indicating receipt of the above required immunizations, in lieu of such certificate; and provided, further, that unimmunized students may be registered on the condition that the required immunizations be obtained within ten days of registration.

In the absence of an emergency or epidemic of disease declared by the department of public health, no student who states in writing that such immunization would conflict with his religious beliefs shall be required to present such medical

certificate in order to be admitted to such institution.

**SECTION 2.** The provisions of section one of this act shall apply only to students in institutions of higher education entering as freshmen on or after September first, nineteen hundred and eighty-six; to such students entering as freshmen or sophomores on or after September first, nineteen hundred and eighty-seven; to such students entering as freshmen, sophomores or juniors on or after September first, nineteen hundred eighty-eight; to such students entering as freshmen, sophomores, juniors or seniors on or after September first, nineteen hundred and eighty-nine; and to all undergraduate and graduate students on or after September first, nineteen hundred and ninety and to all such students thereafter. The provisions of section one relative to health science students shall apply to all such students on and after September first, nineteen hundred and eighty-six.

Ann M. Peterson RN-C  
Director Student Health Services.

## Minority Student Affairs

Welcome! We congratulate you for taking the giant step in your personal development, and we are anxious to work with you in continuing your education on our campus.

The University of Lowell is an institution posed for excellence. In this loving environment, you will soon discover our appreciation for greater cultural and ethnic diversity and find ways to contribute to this ongoing process. This should be the mission of all students in the University of Lowell family and we look forward to working with you.

The Office of the Minority Student Affairs provides direct support to several different student organizations: the National Society of Black Engineers, the Black Student Union, the Latin American Society, the Indian Students' Association, the Cambodian Association and to many minority graduate student organizations. This office also sponsors and co-sponsors a variety

of social and cultural events throughout the academic year, including picnics, dances, Black History Month, India Week, cultural festivals for Hispanic, Cambodian, international and many other groups. This office also gives vigorous support to university wide efforts and programs that promote recruitment retention of minority students and is also available for personal and academic advising as well as provides information about minority scholarships and employment opportunities.

Once again, we salute you for your outstanding achievement and wish you much success at the University. If you have any questions or feel that our office can assist you in your adjustment on campus, please stop by our office in Southwick 307 or call us at 452-5000 ext. 2667.

Martin Grace  
Director  
Minority Student Affairs

## Adult Learners

If you've been away from school for a period of time and are looking for a way to connect with others who are returning to school. We have just the place for you! Plan to include the Adult Learner Drop-in-Center in your return to college. We are located in room 335 of the Mary McGauvran Student Union, South Campus. We are open five days a week. We will have details about activities of interest to returning students, sources of support, and information to ease your transition back to school. We also have informal get-togethers, such as brown bag lunches and openhouses. Other returning students who have been here for awhile volunteer their time to staff the center so you may be able to connect with other

students.

Support Group: starting Wed., Sept. 13th, 1-2, room 335, Student Union South.

Special get-together for adult learners: orientation is August 31st 1989 from 10:00 to 2:00 p.m. in Coburn Hall room 203 and will include a library and campus tour, a panel discussion and film led by other adult learners, a study skills refresher workshop and lunch will be provided.

Encore: a student organization has just been chartered to meet the needs of adult learners at the University of Lowell. Stop by the Adult Learners' Drop-in-Center located in room 335, Mary McGauvran Student Union Building, South Campus, to sign up and find out about upcoming activities.

## Chemical & Nuclear Engineering

The March 1989 issue of "Chemical Engineering" a McGraw-Hill publication, reports that the College Placement Council's (Bethlehem, PA) salary survey report for the September 1, 1988 thru January 9, 1989 period show chemical engineering starting salaries to be the highest in the engineering field. This report shows the average offer to be up by 4.5% to \$32,376 as compared to petroleum engineers (\$29,706) who have traditionally led in engineering starting salaries.

Professor H.W. Flood, Executive officer of the Chemical and Nuclear Engineering Department, expects that this year's class, which is one of the smaller ones, in recent history, will all have professional (or be enrolled

in Graduate School) before graduation day. College Placement Council's Field Service coordinators report that the demand for the limited supply of chemical engineers shows no sign of slackening. This is confirmed by Professor Flood who deals with the major employers of chemical engineers in the area. Offers for graduating seniors in this year's chemical engineering class have included at least one in excess of \$35,000 per year.

The student deciding on a career in chemical engineering has a very broad choice of interesting opportunities to consider. A survey of chemical engineering students graduating since 1985 shows a swing away from the "traditional" employment areas of petroleum refining,

petrochemical processing and heavy chemical manufacturing. The most promising new areas for the graduating chemical engineer from ULowell include environmental management, safety and industrial hygiene, microelectronic materials processing, computer-aided process control, bio-technical research, materials research and development, membrane development, pulp and paper manufacturing and polymer processing.

Professor Flood (E-301, Ext. 2339) has expressed an interest in discussing the broad new opportunities for the well prepared young chemical engineer with those considering such a possibility.

For more details, please call, 452-5000 ext. 2339.



STUDENT GOVERNMENT

1989-1990

<b>PRES.</b> Thomas Winston	<b>V. PRES.</b> Geoffrey Pahl	<b>SEC.</b> Richard Abreu	<b>TREAS.</b> *William Freeman
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SENATORS

<b>Class of 1990</b> Niina Ketcham Mary Phillips Willie B. Burks Sandeep Bedi Brian Kelly *Bob Manning OPEN	<b>Class of 1991</b> Christine Straub Julie Manousos Phillip Morris Dorian Bertram *Jay Beaton OPEN OPEN	<b>Class of 1992</b> Erin McCarthy Jay Pinkos Henry Lewis Margaret Alden Dena Arooth Robert Etter Afamia Battikha	<b>Class of 1993</b> OPEN OPEN OPEN OPEN OPEN OPEN OPEN
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ACTIVITIES COMMISSION

<b>Director</b> -Brenda Sadowski				
<b>At-Large</b> Nancy Svizzero Michael Orroth Greg Imbriano	<b>Class of 1990</b> Bob Berger *M. O'Shaughnessy OPEN	<b>Class of 1991</b> Steven Coppola Jason Adamski Tom Brien	<b>Class of 1992</b> *a. Buterbaugh *Paul Gerry *Stephanie Matte	<b>Class of 1993</b> OPEN OPEN OPEN

STUDENT COURT

<b>Chief Justice</b> Robert Doucette	<b>Asst. Chief Justice</b> Jim Sullivan	<b>Clerk</b> Kathy Briscoe
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Justices: Michael Waldron, Robert Bogren

CLASS OFFICERS

	<b>Class of 1990</b>	<b>Class of 1991</b>	<b>Class of 1992</b>	<b>Class of 1993</b>
<b>President</b>	David Stordy	Ronnie Carpenito	*Paul Patriacca	OPEN
<b>Vice President</b>	Jake Burke	Alan O'Brien	Caryn Budd	OPEN
<b>Secretary</b>	*Linda Romkey	*John Maroun	Jean MacIver	OPEN
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<b>RES. HALL ASSN.</b> Richard Conley	<b>STUDENT TRUSTEE</b> Patrick Demers	<b>BOOKSTORE ASSOC.</b> At-Large: OPEN 1990: OPEN 1991: OPEN 1992: OPEN 1993: OPEN
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\*Appointees - must run in the Fall Election

Engineering

•from page 9

skills become of primary importance. Dean Crugnola wants to give students the opportunity to further their communication skills.

They are improving these skills by reviewing one of every students lab reports based partially on writing skills. The reports are returned to the students and corrected by them and then the students resubmit them for review. Dean Crugnola feels that taking humanities or literature courses, helps just as much as technical writing, if not better, to "expand horizons." He wants to structure the

humanities into a minor, so that a student would graduate with a BS in engineering and a minor in sociology, history, or political science. He states, "We are heading in that way".

The Dean is always trying to improve engineering here at ULowell to help better his students for the "real world." Improvements are being made and ideas are being discussed which will benefit the engineering students. As long as the students give their input, Dean Crugnola will always be there to listen and help improve.

Women's Center

The Women's Center is comprised of students interested in supporting each other, and advocating educational, social, and community-oriented events pertaining to women's issues. With the assistance of the Office of Counseling and Career Services and the Women's Studies Program, students are encouraged to tackle several gender-related concerns within the University environment. For example, recent efforts have been directed towards assisting in the establishment of sexual harassment

policies, and providing students with information on date rape, sex discrimination, and domestic violence. The Women's Center also challenges the Women's Studies Program to a faculty/student softball game, helps organize a women's film festival, and provides other events that facilitate networking and educational efforts on campus and throughout the community. Advisors to the Women's Center are Rhoda Trietsch (Counseling) and Karen Harbeck (Education), so please contact them if you are interested.

NEWS TIPS

can be phoned into

*The Connector*

by calling our office at

452-5000 ext. 2359 or 453-1872

Freshman Center

Welcome to the University of Lowell. The first few weeks of college can be a confusing and frustrating experience if you don't know where to go to get the answers to your questions. We are here to help! Among the many services that the Freshman Center

provides are free tutoring in a variety of subjects, academic advising, computer assisted learning, study skills workshop, and a course for freshman only called Values and Creative Thinking.

Whether you have questions or not, stop by and see what the

Freshman Center is all about. You'll be happy you did. We are located on North Campus in Sothwick 314, ext. 2936 and on South Campus in the McGauvran Student Union Building in the basement, ext. 2948.

STUDENT HOUSING  
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195 Pawtucket St.-large 3 bedroom apt. \$675/month  
85 Gersom Av.-3 bedrooms, townhouse. \$225/month each.  
Austin Square Townhouse-\$900-\$1000/month  
203-205 Pawtucket St.-2 bedroom apts. \$600/month  
85 Gershom Av.-2 bedroom condo. \$960/month  
24 Sarah Av.-\$275/month each  
54 Martin St.-beautiful 3 bedroom condo. \$1000/month  
98 University Av.-2 bedroom apt. \$650/month  
96 Universtiy Av.-2 room apt. \$425/month  
82 Gershom Av.-3 bedroom apts. \$800-\$900/month  
199-201 Pawtucket St.-4 room apt. \$600/month  
28-30 Sarah Av.-4 bedroom apt. \$315/month each

776-780 Merrimack St.-3 bedroom apts. \$650/month  
348 Riverside St.-2 bedroom condo. \$900/month  
776 Merrimack St.-2 bedroom 1st floor. \$600/month  
"Walkway Condo"-2 bedrooms. \$800/month  
11 Willie St.-6 room apt. \$675/month  
108 University Av.-2 bedroom apt. \$650/month  
11 Willie St.-5 room apt. \$625/month  
24 Sarah Av.-\$275/month each  
199 Pawtucket St.-3 room apt. \$475/month  
75 Bower St.-3 room apt. \$425/month  
20 Mt. Vernon St.-3 bedroom apt. \$950/month  
19B Bachelder St.-2 bedroom apt. \$600/month

UNIVERSITY MANAGEMENT  
937-9327

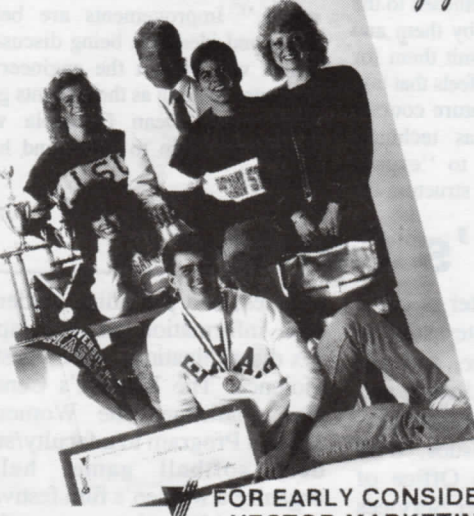
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 Maine Area South Shore Area 508-826-0540  
 Portsmouth N.H./Newburyport 603-964-8897

## Beep...Beep...Beep

Some day you may be sitting in class and the person sitting near to you starts beeping. It could mean that the person has a very loud heart beat, but more likely it means that this person is a student E.M.T. being paged for a medical emergency on either north or south campus. The University of Lowell has a small but, important emergency medical service that is operated by student volunteers that are Certified Massachusetts Emergency Medical Technicians and or Certified CPR (cardiopulmonary resuscitation personnel). Currently there are six EMTs providing this service for the University and several more are in the process of being trained as EMTs.

This service was created to enhance care to students, faculty, staff, and visitors who are injured or become acutely ill on University property. The service is in operation seven days a week twenty four hours a day. Student EMTs are paged via the new Campus Police Communications Center located in Ball Hall. The page gives the location and the nature of the call. From late

November until the end of January, the EMTs have responded to over a dozen calls. The usual response time is approximately three to five minutes, which has been in many cases far less than the time of response of the ambulance service in Lowell.

Campus Police cruisers have been outfitted with many of the needed tools to provide proper and efficient emergency care to patients. All cruisers have portable oxygen systems and an extensive first aid kit. The Campus Police have been trained to the First Responder level which means that they may begin initial patient stabilization until the EMT arrives. The EMTs also carry a small first aid kit should they be in a situation where the Campus Police haven't arrived yet. Any club interested in having an EMT at an on campus event should contact Gerry Dominick at Box 5122 South or Dr. Eberiel, the club's advisor in Olsen 512A. Any student interested in joining this crucial service should contact Gerry or Dr. Eberiel at the above locations. Certification as an EMT is not required and we will train you in CPR.

- Apartments
- Condominiums
- Rooms

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### CHEMISTRY TUTOR

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### Campus Ambassadors

If you're looking for Christian fellowship, singing, Bible study and lots of fun, then check out Campus Ambassadors meetings every Wednesday night at 7:00 in Fox Hall. Campus Ambassadors is a University recognized, interdenominational, evangelical student group, sponsored by a number of area churches. Students of all faiths are welcome to come. Since Campus Ambassadors does not represent any particular church group, you will be encouraged to affiliate with a church of your own choosing.

Some of our other activities include: a Steve Green concert on Sept. 10; picnic and volleyball on Sept. 16; a progressive dinner on October 14; a weekend retreat in Maine on Oct. 28-30; and a sound track run on Nov. 18. For more information contact Art Brown, Box 817, Billerica, MA 01865 or phone 617-667-9529.

## 18 & OVER DANCE PARTIES EVERY WEDNESDAY 8 P.M. - 1:30 A.M.

*Dance To All Your Favorite  
 Top 40 Dance Music!!!*

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## ARA Campus Dining

ARA Campus dining is proud to be the food service provider at the University of Lowell. We are very pleased to take part in the growth of the University this fall by enhancing our meal plan offerings. Today's students have hectic schedules and cannot be restricted to limited meal periods, that's why we're introducing our new "points plans" this fall. Listed below are your choices for the fall of '89 and a brief description of how they work and which students best fit each plan.

### Traditional 19:

This plan allows the student to have any of the 19 meals we serve in our resident dining halls, Sunday-Saturday. There are no points associated with this plan. This plan is intended for those who generally eat between 16 and 19 meals per week, and who stay on campus most weekends. 14 meals plus \$126 add on per year:

This plan allows a student to have any 14 of the 19 meals we serve in our resident dining halls, Sunday-Saturday. In addition, this plan allows a student to spend \$63 each semester in any of our cash operated facilities. Examples include: Itza Pizza delivered to their room, Rathskeller snack bar in Fox Hall, Tully Ice Forum, Basketball concessions, and our new Convenience Store to be opened this fall. Students may also use these dollars to purchase traditional dining hall meals should they go over their limit, or wish to bring guests to a meal.

This plan best suits the student who spends many weekends on campus, and whose schedule might need the added flexibility the points offer in terms of serving periods.

10 meals plus \$250 add on per year:

This plan allows a student to have any 10 of the 19 meals we serve Sunday-Saturday. In addition, this plan allows a student to spend \$125 each semester in the facilities listed above. This plan would best suit the student who spends some weekends on campus, and who would prefer to use the Convenience Store to purchase snacks and light refreshment to enhance their traditional dining hall unlimited meals.

7 meals plus \$300 added on per year:

This plan allows a student to have any 7 of the 19 meals we serve Sunday-Saturday. In addition, this plan allows a student to spend \$150 each semester with their meal card. This plan is best for those students whose schedules find themselves away from campus during our traditional meal periods, and who can use the points when it's convenient for them.

10 meals weekday:

This plan only permits entry to our dining halls Monday-Friday for any 10 of the 15 meals we serve during that period. There are no points associated with this plan. This plan best suits the student who goes home most weekends and who typically

might only make between 8 and 10 meals per week.

How do points work?:

For those students who choose one of the points plans, we simply add the total of dollars you selected to your meal card. Each time you use the card, and entry is made to your account in the exact amount of your purchase. At the South Campus Snack Bar, the Convenience Store, and the Rathskeller, your purchases will be made through a register that can give you a detailed receipt of your beginning balance, purchased amount, and ending balance. At all locations you can quickly look up your balance at any time. You may also purchase additional points at a significant discount should you require them.

Message from the director:

I am very excited to be offering these new meal plans for our students this fall, and with them some new services that allow greater flexibility for everyone. I believe that our services are an integral part of University Life, more than just nourishment, it's a part of the social environment. We at ARA will continue to do our part in making the students life an campus an enjoyable experience. To that end I would encourage students and parents both to feel free to contact me if you have any questions or concerns about our programs and services. Thanks, and best wishes for a prosperous 89-90 school year.

Sincerely,  
Ray Handy

## Shuttle Bus Schedule Effective September 5, 1989

(class days excluding final exams)

### Daytime Schedule

7:30 a.m. to 5:00 p.m.

### Regular Bus Service

#### Route:

South (turnaround)  
North (Univ. Ave. by Eames)  
Wannalancit Mills  
Fox Hall (west driveway)

#### Frequency:

Every 10 minutes: 7:30 a.m. - 2:00 p.m.  
Every 20 minutes: 2:00 p.m. - 5:00 p.m.

### Special Downtown Service (Mini Bus)

#### Crescent — North Express Service

Route	Departure Times:
Crescent & Boarding House	:10
Wannalancit & Fox Hall	:15
North (Univ. Ave. by Eames)	:30
Crescent (Gorham St.)	:40

Times: 7:10 a.m. - 4:10 p.m.

#### Crescent — South Express Service

Crescent & Boarding House	:40
South (Bus Turnaround)	:55
Crescent (Gorham St.)	:10

Times: 7:40 a.m. - 3:40 p.m.

(5:00 p.m. = evening hours)

### Evening Service: 5:00 p.m. - 11:10 p.m. (to 6:00 p.m. FRIDAYS)

Route:	Departure Times
Crescent (1 run/hour)	:00
Boarding House (1 run/hour)	:00
Wannalancit (2 runs/hour)	:05 :30
Fox (2 runs/hour)	:05 :30
South (2 runs/hour)	:20 :40
North (2 runs/hour)	:25 :45

(10:45 - last run to downtown from north)

NOTE: Traffic conditions may cause delays or changes.

## Objects thrown from windows

During this semester several serious incidents have occurred in Fox Hall which could have resulted in serious injury and even death. Individuals have been throwing objects from their windows onto the dining hall roof and onto the grounds surrounding Fox. These objects have narrowly missed individuals on the ground or caused damage to the roof.

Please do not throw anything from your windows at any time. If you see anyone involved in such acts notify University Police and/or any member of the Residence Life staff immediately.

Anyone apprehended in such actions will be prosecuted to the full extent of the law. There are six possible bases for the imposition of criminal liability with varying degrees of punishment when individuals are identified as having thrown objects from roofs or windows of the residence halls. These fines and punishments range in severity from one hundred (\$100.00) to one thousand dollars (\$1,000.00) and from one month to as much as ten years imprisonment.

## "Choices" program a success

The Office of Residence Life is pleased to announce that the all new "Choices" program for housing selection was a complete success. This year over 1350 students signed up for housing. This is almost 200 students more than last year's total and a record number of students signing up for on-campus housing.

Elizabeth Sampson, Assistant Director of residence Life, feels that student anticipation and desire for the new suite style halls contributed to the record number of sign-ups. "The new halls are especially attractive to returning students who want the convenience and access to activities which living on campus offers coupled with the added privacy and space of suite-style living arrangements," said Sampson. "In addition, living on-campus is definitely seen as bet-

ter than off-campus. This is because of the excellent support our residents receive from staff in providing social activities, solving problems, and helping residents develop friendships," added Sampson. The evidence that this is true is the large number of off-campus students who chose to move on-campus next fall.

The "Choices" program was designed this year by a committee of R.A.'s led by Sampson. The committee completely redesigned the housing selection process in order to accommodate the new halls and to streamline the existing process. From all accounts the program was well planned as there was little confusion on selection nights, few lines, and most students received the type of housing they desired. In fact, many students who were

only dreaming about getting into the suite-style halls at all are living in the suites of their choosing. Maureen Bamford, a freshman, is one example. She and her roommates had nine "priority points" total and they were trying to get into an eight person suite. "We were bodaciously psyched! We really weren't sure if we would get what we wanted, but it worked out perfectly. We are all very happy," said Bamford.

Sampson felt the planning and marketing which the committee established (including newspaper stories and cafeteria table tents) helped answer questions and minimize confusion for everyone. "Any process this big is going to be confusing. Our goal was to be fair and keep the process as simple as possible. I think the committee succeeded on both counts," said Sampson.

## Welcome to Res Life

Welcome to Residence Life!

For the next nine months, we will all share the campus community as our home. During that time, you will be faced with many challenges and new experiences that will force you to learn more about yourself and those around you than ever before. Research has shown that student choosing to live on-campus benefit from greater social interaction and interpersonal skills, increased self awareness and independence, and a greater satisfaction and enjoyment of the overall college experience. We hope you make the most of your "residential" experience and strive to become the most unique and well-rounded person you can be.

You will also soon realize that in addition to being a special individual, you are also one small but special and important component of the "Residence Life" community. This community is comprised of nine residence halls housing over 2400 students. Four of these halls, Fox, Leitch, Bourgeois, and a newly constructed hall are located on North Campus across the river from the academic buildings with Fox Hall also serving as the Student Union Building. This cluster of residence halls has become known as "Residential North". Smith Hall and Eames Hall are located on the main campus or academic side of North Campus. Concordia Hall and a newly constructed hall comprise "Residential South" and is located approximately 3/4 mile away from North Campus. Located approximately one mile off campus is the Crescent building housing 140 students in 21 apartments. Presently, all residence halls are co-ed with the exception of Smith and Bourgeois Halls which house only men and Eames Hall for

women.

Each residence hall is supervised by a full-time professional or graduate Resident Director and a full complement of upperclass Resident Advisors at a ratio of about 1 to every 35 residents. All residence life staff receive a minimum of 40 hours of training on topics such as leadership, counseling skills, C.P.R. and first aid, planning activities, assertiveness, and community development. In addition, each residence hall has an elected student body known as a Hall Council which provides direction and leadership to the building as well as sponsoring social, recreational, cultural, and educational programs and activities for the residents. The Residence Hall Association oversees the efforts of the individual Hall Councils combined to offer over 600 programs and activities for the resident student population.

As a new member of our residential community, you are invited and encouraged to become involved and participate in your building and on the campus. Please make yourself comfortable, take care of your surroundings and treat your hallmates as neighbors. We strongly encourage you to get to know your R.A. and become involved on your floor and in your building. It will help you to meet people and better understand campus life and make the most of your residential experience.

Again, I wish you a successful school year, both academically and personally, and I hope to be able to meet many of you soon. Remember, you have the opportunity to make your on-campus experience one that will be memorable throughout your life.

Larry Siegel  
Director of Residence Life



# Personals

**To all Personals Page Users:** In order for your personal to be published, it must conform with the following specifications: 1) Typed; 2) On a 3x5 index card; 3) First and last name on the back; 4) Only one personal per card; 5) I reserve the right to edit as I see fit; 6) Limit three personals per name and box number per week; 7) In the Connector office (Fox Hall, Rm. 426) by 5:00pm the Monday before publication; 8) No last names in your personals. typenAP & T2.

**Hello!** and welcome to the University. My name is typenAP. Why? Well, it's a long story, but I'll tell you anyway.

For years, this paper had a personals page not unlike most University personals pages. Classifieds like: "Bob: How ya doin'?" appeared in abundance. There was tranquility, peace, yin and yang had a ball together. Then, about 1985 or 1986, an individual joined the Connector. So What? He was assigned the lowly task of typing in all the boring personals sent in. (How would you like to type in 10 to 15 pages of typed,

double-spaced monotony.)

What happened next was not commonplace. This person started placing comments on the page. Some were editorializations, some were just plain humor, and some were inserted to make the bottom of the page come out flush after being typeset. This brings us to his name: The Typesetter.

To make a long story short, The Typesetter began a following of sorts. People sent in stuff to insult him, call him names, and threaten to do nasty things to his yin and yang. Meanwhile, the Personals Page personalities were created. (A Personality is your name. People write to this page anonymously by signing as Dr. Victor Von Doom, Goodgulf, Peppermint Patty, or the Hostile Bitch, to name a few already used examples.)

So who am I? Well, The Typesetter graduated (a feat not to be snuffed at, mind you). Now, another typesetter, named T2, and I fill in his shoes. I go by the name notnAP, or PetenAP, or typenAP.

Who are you? You, my poor soul, are a freshman. For reasons

I wish not to know, you have chosen ULowell as your place of enlightenment. Allow me to further enhance the illusion that freshmen need advice by giving you some (If you've read this much so far, you obviously have nothing better to be doing).

You have chosen the only school where 'to do' implies 'to excel.' If you ever thought about being a leader, this is the easiest place to become one. Example I: There will be no yearbook this year, because no one volunteered to join Sojourn. Example II: Many Student Government positions are unfilled, because no one ran for them. Most filled positions were won uncontested. If you give merely the slightest amount of excrement, you can leave this school with a resume to impress Donald Trump.

**GEOFF IS A GEEK!**

Get well soon!  
Love Randy.

A word to the wise...  
visit the  
FRESHMAN  
CENTER  
on North and  
South Campuses!



Where does this page fit in? It doesn't, but I had to say something. My Managing Editor asked me to fill 17 inches of space, and that's an offer I couldn't refuse.

This page has become entertainment for many people in the university. People send in personals to say Hello to friends, or nasty things to their enemies, or to list the Top Ten whatever in the university (The Top Ten Tastiest Butts on Campus appeared recently, for instance.) Its like a comics page for people who can't draw (which explains why so many people confuse it with our Comix Page). Use this page to send love-letters to your special one ("Wook: i wuv my wookie, i does, i does,..." ad. nauseum) Sending in a personal is as easy as reading the directions at the beginning of this meaningless ramble.

The Connector office is located at Fox 426.

While at Orientation, be sure to stop by at the Connect-o-Booth. We must be there somewhere. I think I'll be there, so if you have any vaprosies, ask them. If you're even the slightest bit interested in doing the paper this year, ask. We get free pizza at our weekly meetings, and we hurt our grades immensely by partying way too much with the friends we've made here. Take a look at our Editorial Board on the Editorial Page. See all the empty spaces? Wanna be a editor? It looks great on your resume. We need everything from Photographers (my Dept.) to journalists to layout people to advertising people (ad reps get commissions meaning big \$). See you at the booth. typenAP



## Summer Room Rentals

2 Locations  
1. One block from South Campus  
2. One block from North Campus  
Private bedroom, share living, kitchen, \$200/month. Includes utilities.  
Call Tom days: 452-1159  
leave message (603)885-7790 Nights

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4:00am-9:00am\*  
2:00pm-5:00pm  
6:00pm-10pm  
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College costs are high and are always going up, but now you can start earning the money you need.

As a part-time **Package Handler** at UPS' new, modern Chelmsford facility, you'll get much more than \$8-9/hour! Along with great pay, we offer fantastic benefits that include full medical, dental, vision and prescription as well as paid vacations, holidays and profit sharing.

\*Work this shift and you can earn \$2,000 a semester tuition reimbursement.

If you're ready to start earning great pay and benefits, then apply in person

MONDAY-FRIDAY, 8am to 5pm

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90 Brick Kiln Road  
CHELMSFORD

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CONDOMINIUMS - APARTMENTS

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Reserve now for  
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1989

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937-9327 (days)

452-4997

851-8405 (eve)

## HELP WANTED

R & R Robots is in the business of renting a four foot tall robot for entertainment and promotional functions as well as an educational tool.

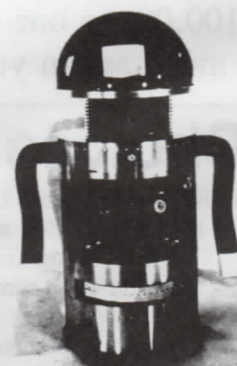
A marketing and sales person is needed to explore markets such as trade shows, grand openings, malls, schools and a variety of other applications, limited only by your creativity.

Commission will be based on your sales and or operation of the robot. Ideally the applicant should be able to operate the robot.

A robot operator is needed, this individual should have a personality which enables him/her to carry on conversations freely with people.

In the robot's dome, is a color monitor which VCR vidoes can be shown. He has two cassette decks for his dancing music, and is capable of blowing up balloons.

Call 508-692-1929, an answering machine will pick up after four rings, if no one is available.





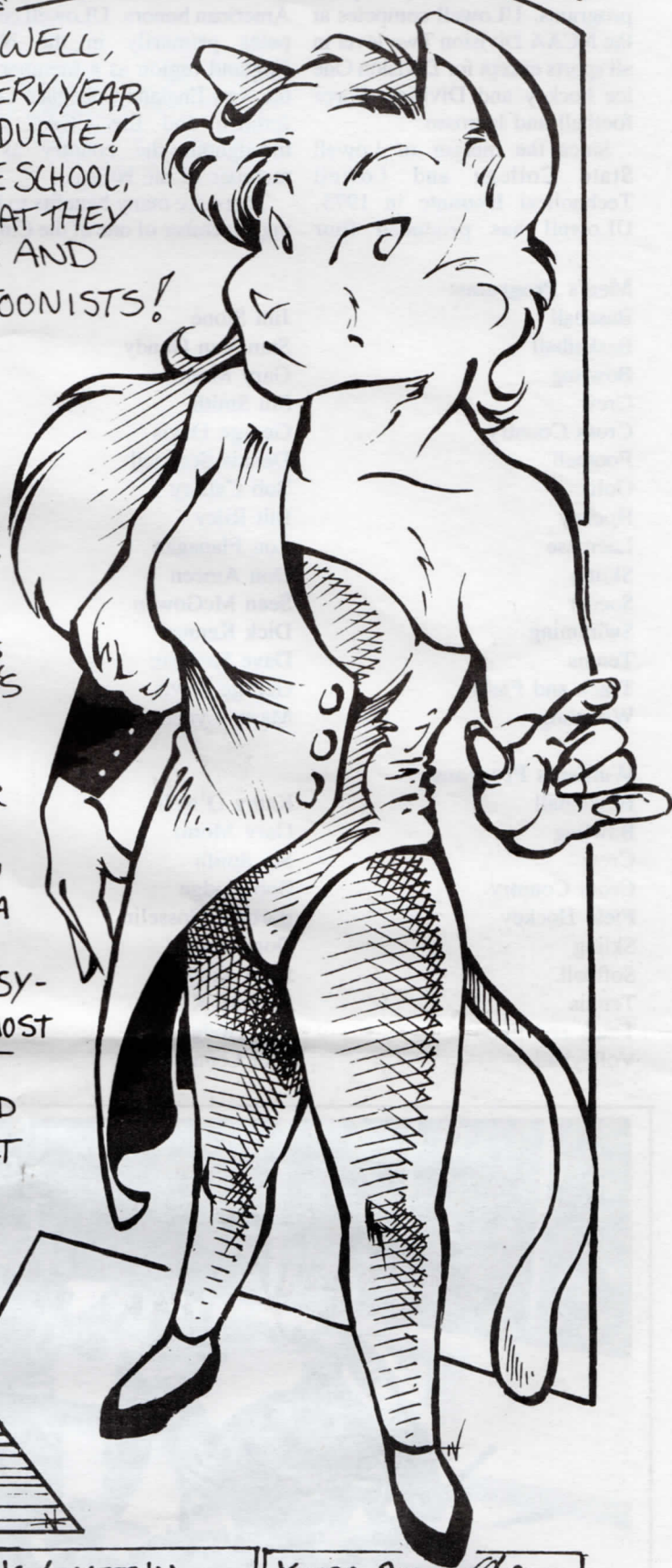
# WELCOME TO THE CONNECTOR COMIX PAGES

YEP, DERES ALOT A HISTRY BEHIND TH' CONNECTOR Comix! BUT YA KNOW WHAT? IT DONT MATTER, ONE BIT!!! HAHA! I SPOSE YA WANTS TA KNOW WHY. WELL, IM GONNA TELL YA!

YEP, WELCOME IS RIGHT! YA WANT OPEN ARMS? YA GOT'EM!! YESSIRREE!

CUZ YOU'RE OUR SPECIAL GUEST! DAT'S RIGHT! HERE, LEMME SHOW YEZ AROUN'! DISIS QUITE AN EXCITIN' PLACE AND I KNOW YA GONNA LOVE IT! TRUSTME!

WELL, SEE, EVERY YEAR PEOPLE GRADUATE! AND HAFTA LEAVE SCHOOL, THIS USUALLY MEANS THAT THEY CANT DO COMIX NO MORE AND WE GOTTA GET MORE CARTOONISTS! DERES USUALLY TWO PAGES WHAT MEANS WE NEED ABOUT 10 COMIX A WEEK! DAT'S ALOT!!



WHUZZAT GOTTA DO WIT ME, YOU ASK? WELL, YOU, FRIEND, ARE THE KEY PIECE TO THE WHOLE PUZZLE. WE NEED YOU TO DO COMIX! WE REALLY DO!! IT'S FUN, IT'S EASY AND DERES NOTHIN' LIKE SEEIN' YER WORK IN PRINT!! ITS A REAL HIGH! SO, YA GONNA DO ONE, RIGHT? IFANTASTIC! I'LL TELL YA EXACTLY WHAT TO DO!



FILL A 4x10 INCH SPACE WITH WORDS AND DRAWINGS DONE IN INK. YEP THAT'S ALL YA GOTTA DO! EASY, HUH? THEN ALL YA GOTTA DO IS BRING IT TO THE CONNECTOR OFFICE (FOX HALL, ROOM 426) BY 6:00 ON MONDAY NITES. AN' YOU CAN DO COMIX ON ANYTHING YA WANT!! ADVENTURE, HUMOR, SUSPENCE, SURREALISM, ARTSY-FARTSY STUFF... WE PRINT MOST EVERYTHING! IF YOU GOT QUESTIONS OR CANT FIND THE CONNECTOR, CONTACT THE COMIX EDITOR TOM VERRE AT BOX 6137 I PROMISE YA, YOU WILL NOT BE SORRY THAT YA DID!!



A FILLER: PATTY'S HIP SNEAKS

## SNAPSHOTS

by Peter Anton

HI I GUESS IF YOU'RE READING THIS, YOU MUST BE PRETTY NEW HERE. WELL, WE'RE HERE TO SHOW YOU AROUND.



I'M BETH.



AND I'M BETH. WE'RE FROM SNAPSHOTS, A COMIC STRIP IN THE CONNECTOR, WHICH IS THE NEWSPAPER AT THE UNIVERSITY OF LOWELL, IN LOVELY, SCENIC LOWELL MASS.

WHICH IS LOCATED IN THE U.S., ONE OF THE MANY COUNTRIES WHICH ARE ON THIS PLANET, WHICH IS ONE OF NINE PLANETS ORBITING SOL, OUR SUN, WHICH, BY THE WAY, IS ONLY ONE OF THE MILLIONS (ASK CARL SAGAN) IN OUR GALAXY, WHICH IS ONLY ONE OF THE BILLIONS IN OUR UNIVERSE! PHEW! HEAVY STUFF, HUH?

KINDA PUT-ORIENTATION IN PERSPECTIVE DON'T IT!



GLAD TO BE A HELP.

## YUJO

AS AN EXPERIENCED ULOWELL STUDENT I FEEL I SHOULD GIVE YOU FRESHMEN SOME ADVICE, NOW PAY ATTENTION! DON'T SKIP CLASSES, LISTEN CLOSELY TO YOUR PROFESSORS, MAKE USE OF THE FRESHMAN CENTER, MANAGE YOUR TIME WISELY, BE SURE TO SPEND AN ADEQUATE AMOUNT OF TIME IN THE LIBRARY, TAKE ALL OF YOUR CORE COURSES BEFORE YOU...



START TAKING ELECTIVE YOU TAKE YOUR CAB TALK TO YOU ABOUT WRITING BUY A SLID REPORTS READ THE WHEN ALL MY MUTILATE!



YEAH YEAH, BLAHBLAH. MOST OF THAT IS COMMON SENSE (YOU KNOW, THE STUFF YOUR FOLKS TOLD YOU!) IF YOU DON'T WANT TO BE BORED SILLY, YOU'LL GET INVOLVED! THAT IS, BY FAR, THE MOST IMPORTANT THING I CAN TELL YOU.

JOINING CLUBS AND BEING ACTIVE IS THE BEST WAY TO MEET PEOPLE LIKE YOURSELF. CLUBS LIKE THE CONNECTOR AND THE ACTIVITIES COMMISSION ARE GREAT WAYS TO BE ON TOP OF THE LATEST HAPPENINGS OR YOU CAN EXPRESS YOUR CREATIVITY HERE IN THE COMIX, IN THE DRAMA CLUB, PHOTO CLUB, ENGLISH SOCIETY ETC. MAKE THE MOST OF YOUR LIFE! BE ACTIVE!

©88 TV



# Sports

## University of Lowell's Varsity Sports Programs

The University of Lowell sponsors twenty-five varsity intercollegiate programs for men and women. There are currently 15 programs for men and 10 for women in a wide variety of sports programs. ULowell competes at the NCAA Division Two level in all sports except for Division One ice hockey and Division Three football and lacrosse.

Since the merger of Lowell State College and Lowell Technological Institute in 1975, ULowell has produced four

NCAA championship teams (hockey in 1979, 1981, and 1982; men's basketball in 1988) and six individual national champions. In the past 14 years, 48 different individuals who have earned All-American honors. ULowell competes primarily in the New England region as a member of the New England Collegiate Conference and the ECAC and throughout the country as a member of the NCAA.

There are many benefits to being a member of one of the Chiefs

varsity teams. One of the most important is that being an athlete for a full season fulfills your physical education requirement.

The varsity sports programs are open to all undergraduate students. More information on the overall program can be obtained by calling (508) 452-5000 ext. 2770, or the individual coach listed below. Any questions regarding eligibility should be directed to Richard Kenney (508) 452-5000 ext. 2462.

### Men's Programs:

Baseball  
Basketball  
Bowling  
Crew  
Cross Country  
Football  
Golf  
Hockey  
Lacrosse  
Skiing  
Soccer  
Swimming  
Tennis  
Track and Field  
Wrestling

Jim Stone  
Stan Van Gundy  
Gary Moniz  
Stu Smith  
George Davis  
Dennis Scannell  
Bob Callary  
Bill Riley  
Lou Flanagan  
Don Ameen  
Sean McGowan  
Dick Kenney  
Dave Santerre  
George Davis  
Marty Lynch

(508)452-5000  
ext. 2951  
ext. 2897  
ext. 3041  
(508)454-4631  
ext. 2371  
ext. 2898  
ext. 2371  
ext. 2373  
ext. 3041  
ext. 2520  
ext. 3041  
ext. 2462  
ext. 3041  
ext. 2371  
ext. 3041

### Women's Programs:

Basketball  
Bowling  
Crew  
Cross Country  
Field Hockey  
Skiing  
Softball  
Tennis  
Track and Field  
Volleyball

Kathy O'Neil  
Gary Moniz  
Stu Smith  
Bob Hodge  
Barbara Gosselin  
Don Ameen  
Janet King  
Barbara Kierce  
Bob Hodge  
Ann Leonard

ext. 2921  
ext. 3041  
(508)454-4631  
ext. 2370  
ext. 2935  
ext. 2520  
ext. 2921  
ext. 3041  
ext. 2370  
ext. 3041

## Athletic contest admissions

All students at the University of Lowell are encouraged to attend the many various intercollegiate athletic events and support the "Chiefs".

Students will be admitted free to all scheduled events except for hockey games by presenting their current student ID cards at the door/gate. Football games will be played at Cawley Memorial Stadium off Douglas Road in Lowell. All other on-campus events will take place at either the Costello Fieldhouse/Cushing

Field complex on North Campus or at the South Campus Fields (field hockey and softball). For hockey, which is played at the Tully Forum in Billerica, students have the option of purchasing individual game tickets at a discounted rate of \$3 upon presenting their ID cards or securing a season ticket good for all games for \$25. All seating at the Tully Forum is on a reserved basis. For more information on hockey tickets, call (508) 452-5000 ext. 2405

## Athletic schedules

The department of Athletics will print schedules for the various varsity sport programs according to seasons (fall, winter, and spring). These schedule cards will be distributed to various locations on-campus including the Student Information Centers on both campuses and throughout the

Costello complex.

Schedules for fall sports will be ready when students come to school in September. Winter sports schedules should be ready by approximately November 1, and spring sports schedules should be ready by March 15.

## Recreational Sports Intramurals

New on campus? Wondering what there is to do? Need a job? Come see what is happening in Recreational Sports Intramurals.

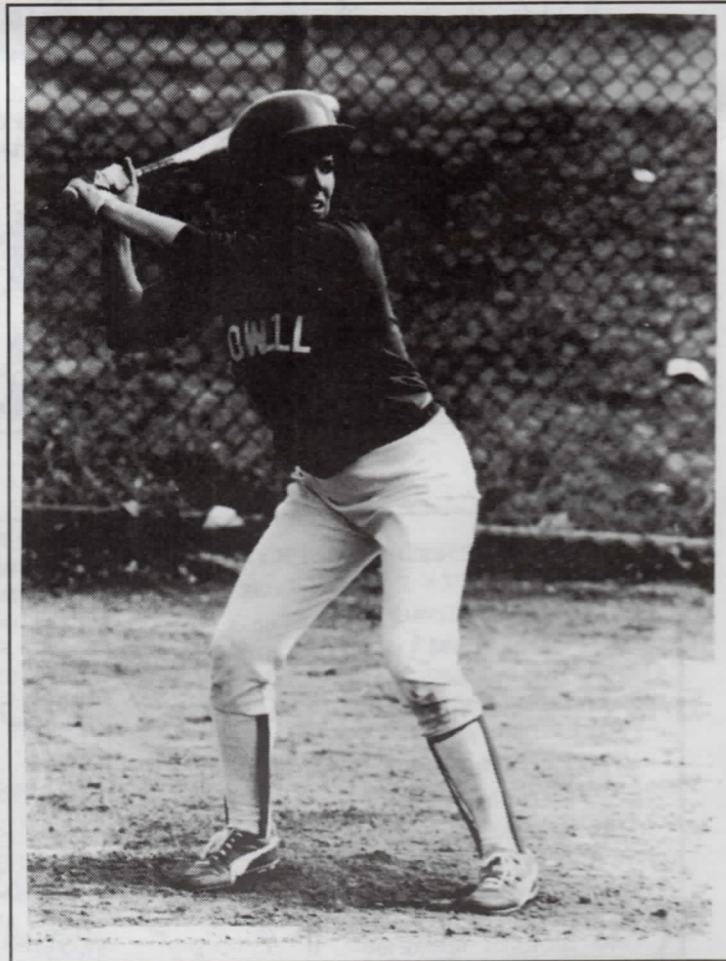
**Team sports** are serious competition or "just for fun". Individual/dual sports, choose old favorites or try something new. Co-rec activities, make friends. All campus points competition, Athlete of the year Awards and championship t-shirts for each sport.

**Informal recreation:** gymnasiums, basketball, volleyball, badminton, indoor soccer. Weight rooms, free weights, universal and nautilus machines. Courts, handball, racquetball, squash, tennis. Equipment check-out (all areas), locker/towel services, all free with a ULowell ID.

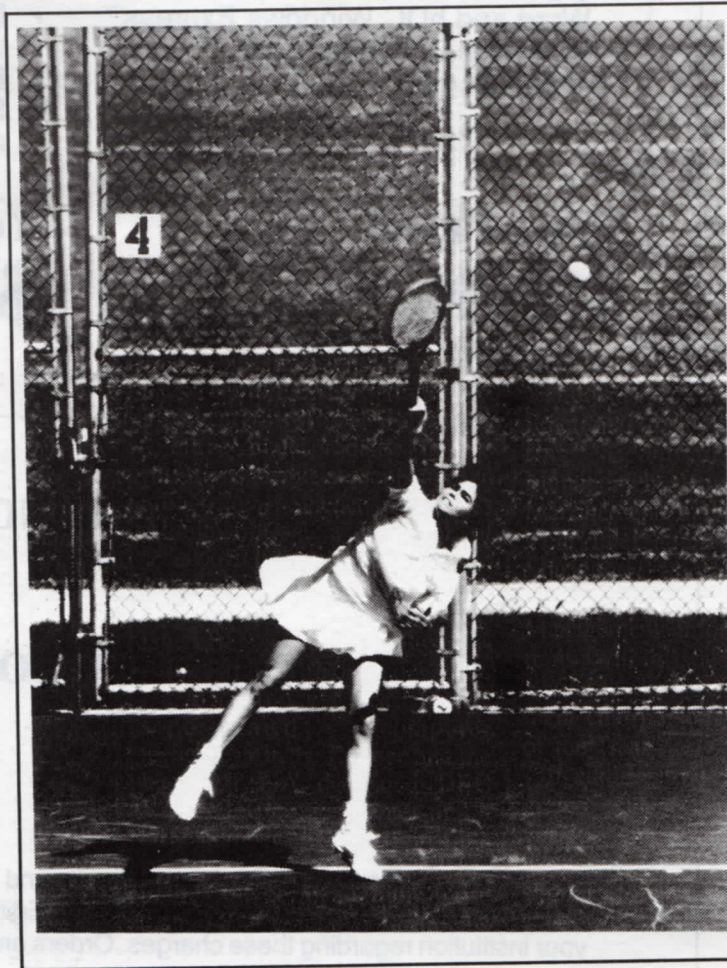
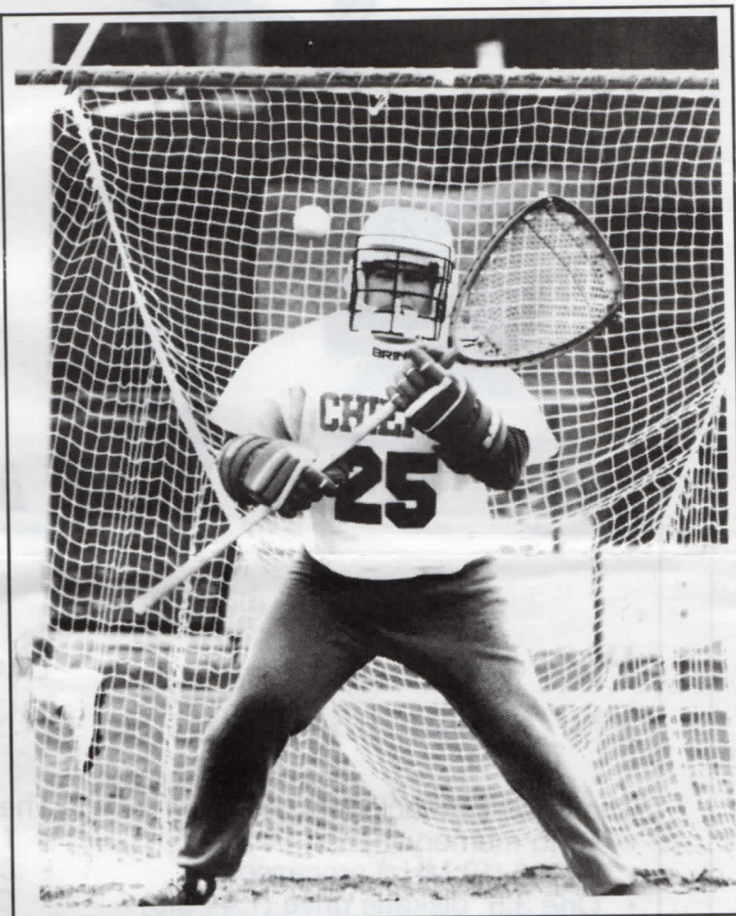
Sport Clubs, badminton, equestrian, karate-or start a new club! Instruction, competition, leadership.

**Non-credit instruction:** aerobics, water exercise and more.

Get into it.





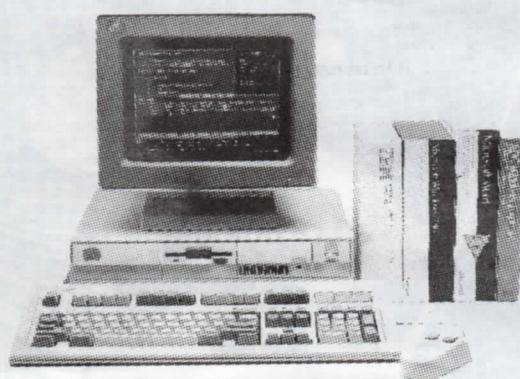




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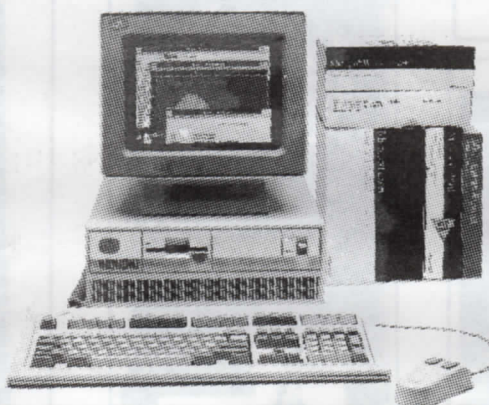


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- 30 Mb fixed disk drive
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- 8513 Color Display
- IBM Mouse
- DOS 4.0, Microsoft Windows/286, Word, Excel and hDC Windows Express
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**\$2,799.<sup>00</sup>**



### Pick Hit PS/2 Model 70 386

The 8570-E61 includes:

- 2 Mb memory
- 80386 (16 MHz) processor
- One 3.5" diskette drive (1.44 Mb)
- 60 Mb fixed disk drive
- IBM Micro Channel Architecture
- 8513 Color Display
- IBM Mouse
- DOS 4.0, Microsoft Windows/386, Word, Excel and hDC Windows Express
- **Software is loaded and ready to go!**

**Your Price\***  
**\$4,449.<sup>00</sup>**

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\*This offer is limited to qualified students, faculty and staff who order an IBM PS/2 Model 8530-E21, 8550-031 or 8570-E61 on or before June 30, 1989. Microsoft Word and Excel are the Academic Editions. Prices quoted do not include sales tax, handling and/or processing charges. Check with your institution regarding these charges. Orders are subject to availability. IBM may withdraw the promotion at any time without written notice.

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